CEMDPS User Guide

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What is CEMDPS?

Overview

Welcome to the Continuous Emission Monitoring Data Processing System (the CEMDPS). The CEMDPS allows you to record and edit the continuous emissions monitoring system information you are required to provide to the DEP. Through a simple system of Web pages, you can submit and manage monitoring plans, test protocols, certification reports, and emission reports. You can also upload your quarterly report EDR documents to the CEMDPS for review by the DEP. The CEMDPS automatically routes your information to the appropriate DEP personnel for review and approval.

The user guide begins by introducing you to the CEMDPS and how to navigate it, then describes each screen used to create and edit monitoring plans, test protocols, certification reports, and quarterly reports.

Important note

Opacity monitor performance specification tests are inconsistently referenced in several places throughout Revision 8 of the Continuous Source Monitoring Manual (CSMM), the new CEMDPS, and in the instructions provided throughout this manual. Performance testing for opacity must be conducted in accordance with the tests and procedures in Attachment No. 1 of the CSMM, not using the tests specified in 40 CFR, Part 75, Appendix A. This inconsistency was discovered after the CSMM was finalized and the CEMDPS in the final stages of development. To properly correct the errors, a new revision of the CSMM would need to be drafted and approved and the CEMDPS reprogrammed to accommodate the changes.

Because such a process would delay the implementation of the CEMDPS for an indeterminable period of time, work a rounds have been established to capture and evaluate submitted data until such changes are completed. The impacted record types will in most cases be able to accept the data required to evaluate compliance. For those instances in which this is not the case, electronic attachments may be required to be submitted to the Department. Please contact the Chief of the CEM Section if you require assistance.

The following is a summary of the record types that have been identified as being impacted by the inconsistencies and the recommended course of action:

RT 829: Monitoring Plan Analyzer Information II
Inconsistency: Start Col 165 and 171 require the submittal of a linearity limit for both opacity and non-opacity analyzers. Opacity analyzers are required to conduct a calibration error test, not a linearity test.

Correction: A calibration error limit should be reported for opacity analyzers in accordance with the format specified in the instructions. Non-opacity analyzers should be handled as stated in the record type.

RT 830: Monitoring Plan Calibration Error Limit Information
Inconsistency: Start Col 83, 89, and 95 require the submittal of a calibration error limit for both opacity and non-opacity analyzers. Opacity analyzers are required to conduct a zero and calibration drift-24 hour test, not a calibration error test.

Correction: A zero and calibration drift-24 limit should be reported for opacity analyzers in accordance with the format specified in the instructions. Non-opacity analyzers should be handled as stated in the record type.

RT 840: Monitoring Plan Opacity and Non-Opacity Analyzer Specification Information II
Inconsistency: Start Col 81 and 87 require the submittal of manufacturer's claimed linearity for both opacity and non-opacity analyzers. Opacity analyzers are required to conduct a calibration error test, not a linearity test.

Correction: The manufacturer's claimed calibration error should be reported for opacity analyzers in accordance with the format specified in the instructions. Non-opacity analyzers should be handled as stated in the record type.

Inconsistency: Start Col 100, 106, and 112 require the submittal of manufacturer's claimed 7-day calibration error for both opacity and non-opacity analyzers. Opacity analyzers are required to conduct a calibration drift-24 hour test, not a 7-day calibration error test.

Correction: The manufacturer's claimed zero and calibration drift-24 hour should be reported for opacity analyzers in accordance with the format specified in the instructions. Non-opacity analyzers should be handled as stated in the record type.

Inconsistency: Start Col 125 requires the submittal of manufacturer's claimed cycle time for both opacity and non-opacity analyzers. Opacity analyzers are required to conduct a system response time test, not a cycle time test.

Correction: The manufacturer's claimed system response time should be reported for opacity analyzers in accordance with the format specified in the instructions. Non-opacity analyzers should be handled as stated in the record type.

RT 842: Monitoring Plan QA Information
Inconsistency: Calibration error and linearity check information is required for both opacity and non-opacity analyzers. Opacity analyzers are required to conduct zero and calibration drift-24 hour and calibration error checks, not calibration error and linearity checks.

Correction: Replace calibration error check with zero and calibration drift-24 hour check for opacity analyzers. Replace linearity check with calibration error check for opacity analyzers. Non-opacity analyzers should be handled as stated in the record type.

RT 844: Certification Report CEMS Test Completion Date
Inconsistency: Start Col 71 requires the type of testing to be identified for opacity and non-opacity CEMSs. Tests for opacity and non-opacity CEMSs should be identified differently.

Correction: The words “Relative accuracy test audit for initial cert.” should read “Relative accuracy test for initial cert.” and “Annual relative accuracy test audit” should read “Annual relative accuracy test” for opacity CEMSs. Non-opacity CEMSs should be handled as stated in the record type.

RT 848: Certification Report Analyzer Test Completion Date
Inconsistency: Start Col 73 requires the type of testing to be identified for opacity and non-opacity analyzers. Tests for opacity and non-opacity analyzers should be identified differently.

Correction: The words “Linearity testing” should read “Calibration error testing”. The words “Cycle time testing” should read “Response time test” and “7-day calibration error testing” should read “zero and calibration drift-24 hour check” for opacity analyzers. Non-opacity analyzers should be handled as stated in the record type.

RT 860: Certification Report Linearity Data
Inconsistency: The record type requires linearity test data for opacity and non-opacity analyzers. Tests for opacity and non-opacity analyzers should be identified differently.

Correction: Calibration error test results should be entered for opacity analyzers instead of linearity test results. Non-opacity analyzers should be handled as stated in the record type.

RT 868: Certification Report 7-Day Calibration Error Data
Please note that this information should only be submitted for non-opacity analyzer 7-day calibration error test runs. Opacity zero and calibration drift-24 hour test results will need to be submitted as an attachment to the test report submittal. Please contact the Chief of the CEM Section for instructions.

RT 872: Certification Report Cycle Time Data
Please note that cycle time test data should be submitted for non-opacity analyzers and response time test data should be submitted for opacity analyzers. Start Col 83 will accommodate 1-5 periods for use in reporting test information.

RT 888: Emission Data Report Linearity Results
Please note that linearity results should be submitted for non-opacity analyzers and calibration error test results should be submitted for opacity analyzers.

System Components

The CEMDPS provides facility users with a set of customized pages to submit and maintain continuous emissions monitoring system information to the DEP. A separate component is available for DEP staff to review, manage, analyze, and report the continuous emissions data.

The system provides separate pages for creating, editing and submitting monitoring plans, test protocols, and certification reports. The CEMDPS also allows you to enter basic information for quarterly reports and upload the quarterly report EDRs.

Note: The CEMDPS does ***not*** provide a web interface for creating and managing quarterly reports online. It provides the capability to enter basic quarterly report data and to upload your quarterly report EDR documents to the web for review by the DEP.

The CEMDPS is comprised of the following main components:

- Data entry pages for use by facility users
- Automated data validation and data checking
- Integrated online user Help
- Electronic document attachment capability
- Note system to communicate information to and from the DEP staff
- Online submission process
- Review pages for use by the DEP staff
- Accept/Reject pages for use by the DEP staff
- Revision pages for use by facility users

Help

Online Help System

The CEMDPS includes an integrated, online Help system complete with Search capability. This Help system provides page and field-level information to assist you in submitting and updating your facility's monitoring plans, test protocols, and certification reports. Each page in the CEMDPS provides a direct link to online Help for that page and a method to contact appropriate DEP staff for additional assistance. Click the Help link at the bottom of the page to access online Help. This link opens the online Help window and displays Help information specific to the current page. You can also browse the Help contents or search for answers to general or specific questions about the system.

Off-line Help Documents

In addition to online Help, the CEMDPS also provides off-line user help that can be downloaded to your PC or printed. The offline Help file can be downloaded from a link in the online Help.

- Click Download Off-line Help Documentation to your PC to access the entire CEMDPS Help file. You can download the file in HTML format and save the file on your PC. You can then access the Help file at anytime, even if you are not logged into the system.
- Click Download Printable MS Word User Manual to view, save, and/or print the CEMDPS Help file in Microsoft Word © format.
- Click Download Printable PDF User Manual to view, save, and/or print the CEMDPS Help file in PDF format.

Navigating the Site

Navigation Overview

The CEMDPS provides a system of menus, buttons, and links to move through the continuous emissions reporting process.

At the top of most pages in the CEMDPS, BACK (←) and FORWARD (→) buttons appear in the taskbar. Although these buttons are common navigational devices in most web sites, they are not the recommended method of page navigation for the CEMDPS. If you use the BACK or FORWARD button on your toolbar to move between pages in the CEMDPS, you run the risk of losing data that was not saved (data that was previously saved will not be affected) and encountering "Page not available" errors. In addition, if you use the BACK button, the links on the page you go back to may not function properly. If this occurs, click REFRESH  to refresh the page and enable the links.

Note: Do not use the BACK (←) and FORWARD (→) buttons to move between CEMDPS pages. Instead, use the built-in navigational buttons and links that are provided.

Unfortunately, it is not possible to deactivate the BACK/FORWARD buttons in the application, but it is possible to remove them from your page display. These buttons are part of the Standard Buttons toolbar. To remove the BACK/FORWARD buttons from your page display, click **View** on the main toolbar and select **Toolbars**. A drop down menu of toolbars will appear on the right. A checkmark will appear to the left of any toolbar that is currently displayed. If the BACK/FORWARD buttons are currently displayed on your page, a checkmark will appear to the left of **Standard Buttons**. Click **Standard Buttons**. The page will immediately display without the Standard Buttons toolbar.

This toolbar also includes a number of buttons, such as REFRESH and PRINT, that you may want to use. If you need access to a button on the Standard Buttons toolbar, simply select **View>Toolbars>Standard Buttons**. A checkmark will appear to the left of Standard Buttons and the page will display with the Standard Buttons toolbar.

For more information on the CEMDPS's system of menus, buttons, and links, see Left Menu Bar, Breadcrumbs, and Common Footer Links.

Left Menu Bar

Each page in the CEMDPS includes a menu bar with links to common activities and important information within the online system. The menu displays on the left side of each page. The following sections describe the links available on the left menu bar.



Quick Links
Quick Links offer a fast way to access common pages in the CEMDPS.

Link	Description
Home	Returns you to the CEMDPS facility home page.
Create Synchronization Files	Opens the *Download Synchronization Files* page, which allows users using the CEMDPS disconnected client application to download the latest internal DEP codes file and configuration file.

Correspondence and Inbox
The Correspondence and Inbox areas, which appear under the Left Menu Bar, provide access to the CEMDPS messaging system. See *Correspondence and Inbox* for more information.

Breadcrumbs

As you navigate through the CEMDPS pages, a set of links displays at the top of each page. These links, typically called breadcrumbs, indicate the path you took to reach the current page and provide links for returning to previous pages. For example, if you are on the Edit Source Combination page, the header path links might be as follows:

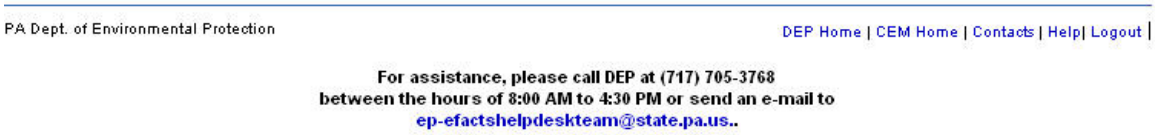
Home --> Edit Monitoring Plan --> Edit Source Combination

This path indicates that you began on the Home page, then went to the Edit Monitoring Plan page, and are currently on the Edit Source Combination page. As the current page, the final page in the path is not a link. All previous pages are links back to those pages. These links, along with the CEMDPS's buttons and left menu bar, are the recommended method for moving within pages of the CEMDPS application.

Note: Do not use the BACK (←) and FORWARD (→) buttons in your browser to move between the CEMDPS pages. Instead, use the built-in navigational buttons and links that are provided.

Common Footer Links

In the footer section of the CEMDPS pages, links are provided to access the DEP Home Page, BAQ Home Page, DEP contact information, and online Help and also to logout of the system and e-mail the DEP Help Desk.

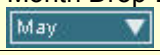


Link	Description
DEP Home	Links to the DEP Home Page (www.dep.state.pa.us)
CEM Home	Links to the DEP Bureau of Air Quality's Continuous Emission Monitoring Home Page (http://www.dep.state.pa.us/dep/deputate/airwaste/aq/cemspage/cems.htm)
Contacts	Links to the DEP Bureau of Air Quality's Continuous Emission Monitoring contact page (http://www.dep.state.pa.us/dep/deputate/airwaste/aq/cemspage/contact.htm)
Help	Displays a help window describing the options available on the page.
Logout	Logs you out of the CEMDPS
ep-efactshelpdeskteam@state.pa.us	Opens a message in your default e-mail program that is automatically addressed to the eFacts Help Desk.

Date Selection

You can access the date selection calendar from any date field in the CEMDPS that displays the calendar icon  . Clicking the calendar icon displays a calendar next to the date field and lets you click a date in the calendar to enter that date in the date field. The following table describes each part of the date selection calendar.

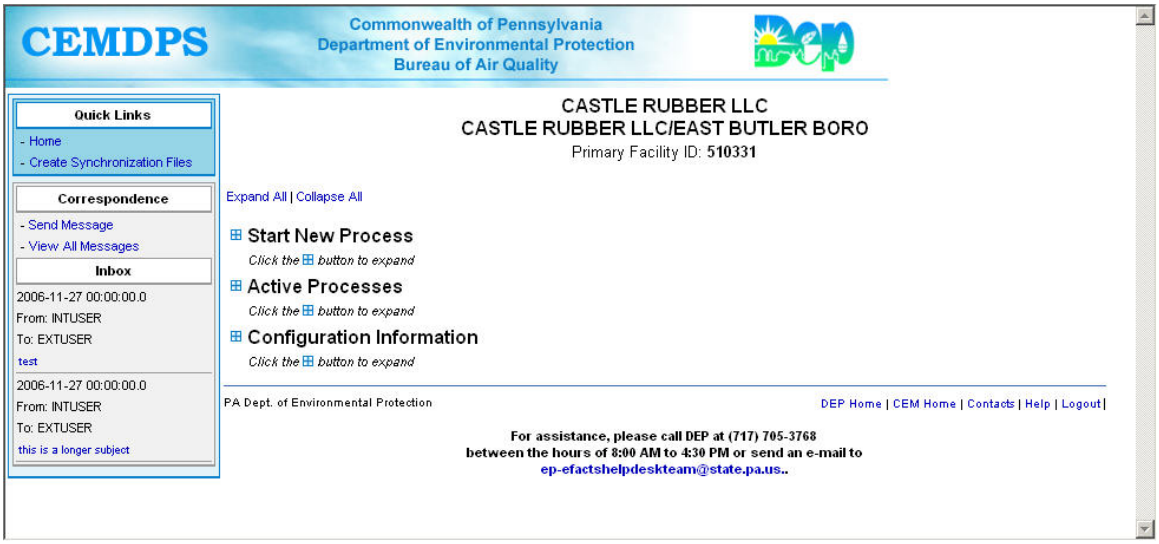


Date Picker Element	Description
Right/Left Arrows 	Click the right arrow to display the next month and the left arrow to display the previous month.
Month Drop-Down List 	Click the month drop-down list to pick the month.
Year Drop-Down List 	Click the year drop-down list to pick the year.
Dates	Once you navigate to the correct month and year, click any date to enter it into the date field. If there is already a date entered in the date field, that date displays in red in the calendar.
Today's Date	Today's date always displays at the bottom of the calendar. Click today's date to enter it in the date field.

Starting and Managing Processes

Facility Home Page

Once you log into the CEMDPS, the *Facility* page displays and serves as the home page for the system. This page provides information about processes in progress at your facility and lets you start new processes, such as monitoring plans and test protocols. The name of your company, the facility, and the facility ID display at the top of the page.



Navigating the Facility Home Page

The *Facility* home page contains three sections, Start New Process, Active Processes, and Configuration Information, which are expandable and collapsible. Using the expand (+) and collapse (-) symbols, you can display or hide information in these three sections.

- Click the plus sign (+) in front of any heading to view more detailed information about that heading or to access more options. Information and available options display indented beneath the expanded heading.
- Click the minus sign (-) in front of any heading to collapse (hide) the details displayed beneath it.
- Click the Expand All link to display all information and options beneath all headings at once.
- Click the Collapse All link to collapse the entire hierarchy of information, hiding all details except for the three main headings.

Descriptions of the information and options available under each of the main sections (Start New Process, Active Processes, and Configuration Information) follow in the sections below.

Start New Process

When you want to create a brand new monitoring plan, test protocol, certification/test report, or emission report, use the options under the Start New Process heading. The Start New Process links allow you to use a series of screens in the application to create a new monitoring plan, test protocol, test report, or emission report or to upload a text file containing the information for the new item.

Note: If you want to continue working on a monitoring plan, test protocol, test report, or emission report that you previously started (but have not yet submitted), find that item in the Facility Action Required section under the Active Processes heading and click the View/Edit Details link. See Active Processes below for more information.

When you expand (+) the Start New Process heading, a list of links displays. These links offer two methods of entering information into the CEMDPS: typing information into an online interface or uploading EDR files. The table below describes these options.



Heading/Link	Description
Online Facility	The links under this heading are for facilities who perform all continuous emission reporting processes (monitoring plans, test protocols, certification/test reports) using the CEMDPS online interface.
Monitoring Plan	This link goes to the *Monitoring Plan* page and lets you enter monitoring plan data and submit the monitoring plan through a set of web pages.
Test Protocol	This link goes to the *Test Protocol* page and lets you enter test protocol data and submit the protocol through a set of web pages.
Certification/Test Report	This link goes to the *Certification/Test Report* page and lets you enter certification and test data and submit them through a set of web pages.
Emission Report	This link goes to the *Quarterly Reports Upload* page and lets you upload a file containing your quarterly report or sample quarterly report to the CEMDPS. **Note:** The CEMDPS system provides screens for entering data for all continuous emission reporting except for quarterly reports. Quarterly reports must be uploaded as a file.
Upload EDR Submittal Packet	If your facility does not perform all continuous emission reporting processes using the CEMDPS online data entry screens, the links under this heading allow you to upload documents containing your EDRs
Monitoring Plan	Use this link if your facility does not perform all continuous emission reporting processes using the CEMDPS online data entry screens. This

Heading/Link	Description
	link opens the *Monitoring Plan Upload* page and lets you upload a file containing your monitoring plan EDRs.
Test Protocol	Use this link if your facility does not perform all continuous emission reporting processes using the CEMDPS online data entry screens. This link opens the *Test Protocol Upload* page and lets you upload a file containing your test protocol EDRs.
Certification/Test Report	Use this link if your facility does not perform all continuous emission reporting processes using the CEMDPS online data entry screens. This link opens the *Certification Reports Upload* page and lets you upload a file containing your certification/test report EDRs.
Emission Report	This link goes to the *Quarterly Reports Upload* page and lets you upload a file containing your quarterly report or sample quarterly report to the CEMDPS.

Active Processes

The Active Processes section contains lists of monitoring plans, test protocols, test reports, and emission reports in various stages of the creation and submission process. The Facility Action Required area displays all items that have not yet been submitted for review by the DEP or which require DEP requested revisions. If you previously created a new monitoring plan, test protocol, test report, or emission report using the options under the Start New Process heading, but have not yet submitted it to the DEP, that item appears in the Active Processes section under Facility Action Required. You can click the View/Edit Details link for that item to continue entering information and to submit the item for DEP's review. All submitted monitoring plans, test protocols, test reports, and emission reports awaiting DEP action appear under the DEP Action Required heading in the Active Processes section.

When you expand (+) the Active Processes heading, you can view information about actions required by your facility and actions required by the DEP regarding monitoring plans, test protocols, certification reports, and emission reports. Descriptions of options listed under active processes appear in the table below.

⊟ Active Processes

⊟ Facility Action Required

⊟ Monitoring Plans (4)

Monitoring Plan #120 Revision

- View/Edit Details
- Send Message
- View All Messages
- View History
- Remove Monitoring Plan
- Replace With EDR Upload

Monitoring Plan #182 Revision

- View/Edit Details
- Send Message
- View All Messages
- View History
- Remove Monitoring Plan
- Replace With EDR Upload

Monitoring Plan #199 - First Test Monitoring Plan created by us Initiated

- View/Edit Details
- Send Message
- View All Messages
- View History
- Remove Monitoring Plan
- Replace With EDR Upload

Monitoring Plan #270 - Workshop Monitoring Plan Initiated

- View/Edit Details
- Send Message
- View All Messages
- View History
- Remove Monitoring Plan
- Replace With EDR Upload

⊞ Test Protocols (30)

Click the ⊞ button to expand

⊞ Certification/Test Reports (17)

Click the ⊞ button to expand

⊞ Emission Reports (38)

Click the ⊞ button to expand

⊟ DEP Action Required

⊟ Monitoring Plans (1)

Monitoring Plan #39 Review

- View Details
- Send Message
- View All Messages
- View History

⊞ Test Protocols (11)

Click the ⊞ button to expand

⊞ Certification/Test Reports (12)

Click the ⊞ button to expand

⊞ Emission Reports (10)

Click the ⊞ button to expand

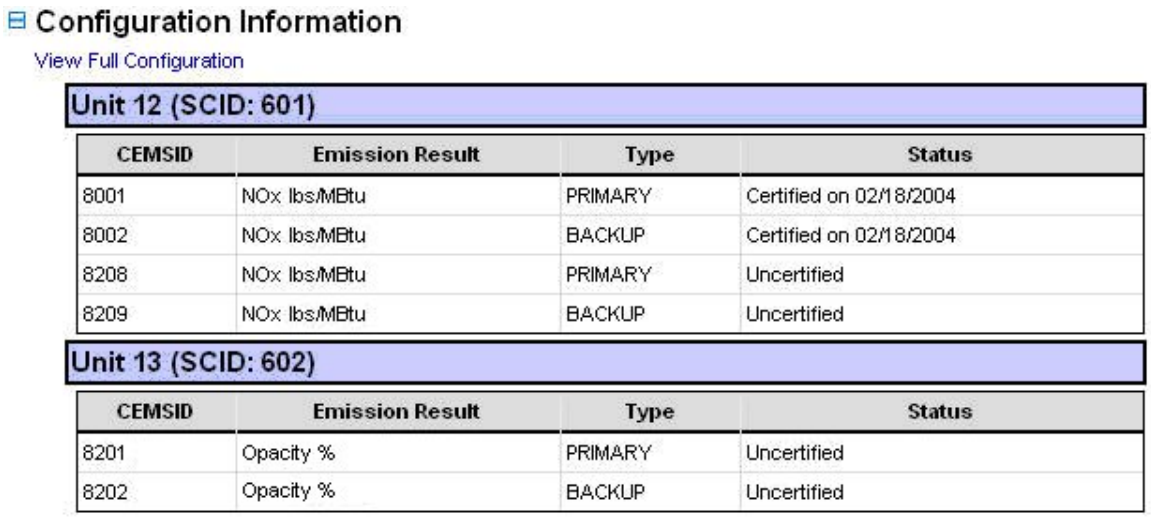
Option	Description
Facility Action Required	Expanding (+) this option lets you view and edit information in monitoring plans, test protocols, certification reports, and emission reports that have not yet been submitted for review by the DEP or which require DEP requested revisions.
DEP Action Required	Expanding (+) this option lets you view information about your facility's monitoring plans, test protocols, certification reports, and emission reports that are awaiting the DEP's review and action. When you view items under DEP Action Required, the information displays in read-only screens. You may not edit any information for items under DEP Action Required.
Monitoring Plans	Expanding (+) this option displays a list of your facility's monitoring plans and links allowing you to view or take action (for Facility Action Required items only) on them. The number of monitoring plans for your facility appears in parentheses next to this option.
Test Protocols	Expanding (+) this option displays a list of your facility's test protocols and links allowing you to view or take action (for Facility Action Required items only) on them. The number of test protocols for your facility appears in parentheses next to this option.
Certification Reports	Expanding (+) this option displays a list of your facility's certification reports and links allowing you to view or take action (for Facility Action Required items only) on them. The number of certification reports for your facility appears in parentheses next to this option.
Emission Reports	Expanding (+) this option displays a list of your facility's emission reports and links allowing you to view or take action (for Facility Action Required items only) on them. The number of emission reports for your facility appears in parentheses next to this option.
View/Edit Details	This link opens the appropriate page for viewing or editing (for Facility Action Required items only) information about a monitoring plan, test protocol, certification report, or emission report. **Note:** The items under DEP Action Required display a View Details link because you may not edit any items requiring DEP action.
Send Message	This link opens the *CEMDPS Correspondence* page and allows you to send a message to another CEMDPS user. **Note:** The CEMDPS correspondence system is unavailable in the CEMDPS disconnected client application.
View All Messages	This link opens the *Messages* page, which displays all messages you have received. **Note:** The CEMDPS correspondence system is unavailable in the CEMDPS disconnected client application.
View History	This link opens the *Work Item Assignment Report* page, which shows the history of a monitoring plan, test protocol, certification report, or emission report.
Remove <Item>	This link appears for items under Facility Action Required only and allows you to delete the monitoring plan, test protocol, certification report, or emission report. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion. **Note:** The items under DEP Action Required do not have the Remove

Option	Description
	<Item> link because you may not edit or remove any items requiring DEP action.
Replace with EDR Upload	This link appears for Monitoring Plans and Test Protocols in the Facility Action Required section. It opens the *Monitoring Plan Upload* or *Test Protocol Upload* page and allows you to upload an EDR file to replace the monitoring plan or test protocol.

Note: The View/Edit Details (or View Details), Send Message, View All Messages, and View History options appear under every monitoring plan, test protocol, test report, and emission report listed in the Active Processes area.

Configuration Information

When you expand (+) the Configuration Information heading, summary information displays about the source combinations defined at your facility. Each source combination name appears in a blue bar, along with the corresponding source combination ID. The table below describes the data displayed for each source combination.


Configuration Information

View Full Configuration

Unit 12 (SCID: 601)

CEMSID	Emission Result	Type	Status
8001	NOx lbs/MBtu	PRIMARY	Certified on 02/18/2004
8002	NOx lbs/MBtu	BACKUP	Certified on 02/18/2004
8208	NOx lbs/MBtu	PRIMARY	Uncertified
8209	NOx lbs/MBtu	BACKUP	Uncertified

Unit 13 (SCID: 602)

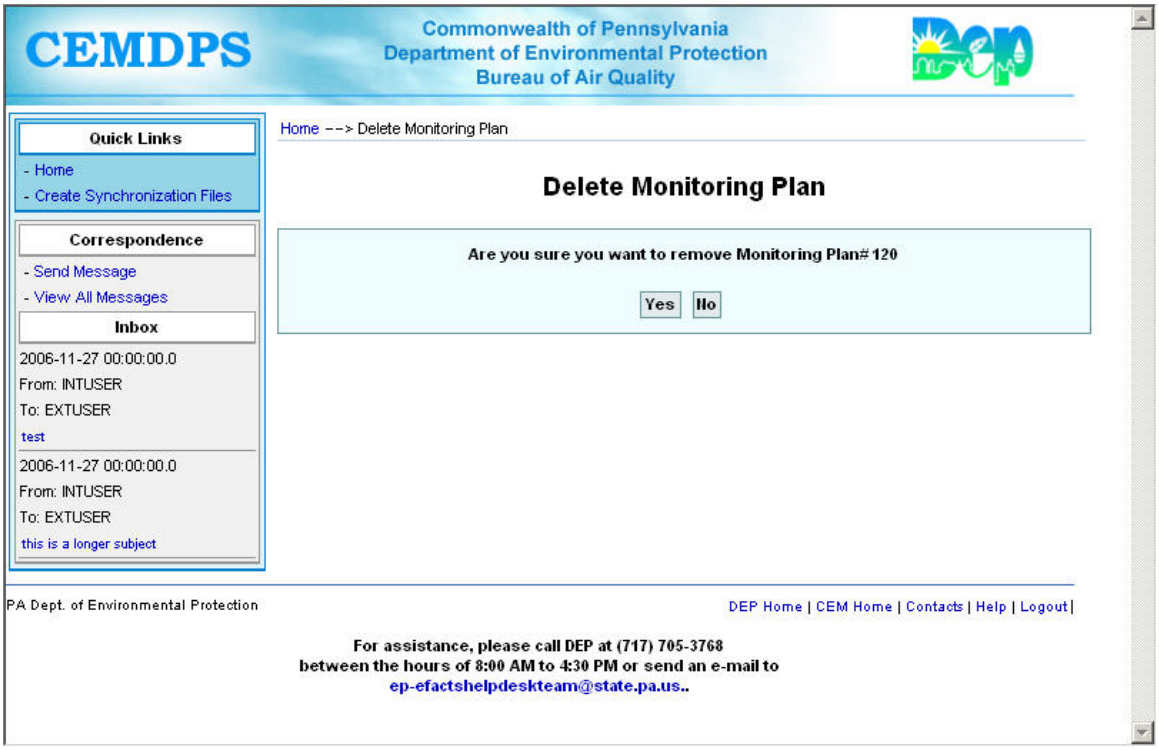
CEMSID	Emission Result	Type	Status
8201	Opacity %	PRIMARY	Uncertified
8202	Opacity %	BACKUP	Uncertified

Field	Description
View Full Configuration	Clicking this link takes you to the *Facility Configuration* page, which displays detailed information about all phases of the facility configuration.
CEMSID	Displays the CEMS ID for each CEMS associated with a source combination.
Emission Result	Displays the Emission Result the CEMS is associated with.
Type	Indicates whether the CEMS is the Primary CEMS or a Backup or Standby.
Status	Indicates the current status of the CEMS.

Delete <Item> Page

Whenever you click a link or button to remove an item in the CEMDPS, the *Delete <Item>* page displays asking if you are sure you want to delete the item. For example, if you click the Remove Test Protocol link for Test Protocol 123 in the *Facility* home page, the *Delete Test Protocol* page displays and asks, "Are you sure you want to remove Test Protocol 123?"

Click the YES button to delete the item, and click NO to cancel the deletion.



Download Synchronization Files

Occasionally, there may be users who want to work on CEMDPS projects offline instead of connecting to the online CEMDPS application. These people use a disconnected CEMDPS client application and later upload their data to the online CEMDPS application.

Note: For information on acquiring the CEMDPS disconnected client application, go to the DEP CEMS Website at: http://www.dep.state.pa.us/dep/deputate/airwaste/aq/cemspage/cems.htm.

The *Download Synchronization Files* page allows people using the disconnected client application to download the latest internal DEP codes file and configuration file for use in the offline application. Descriptions of the page's options appear below.

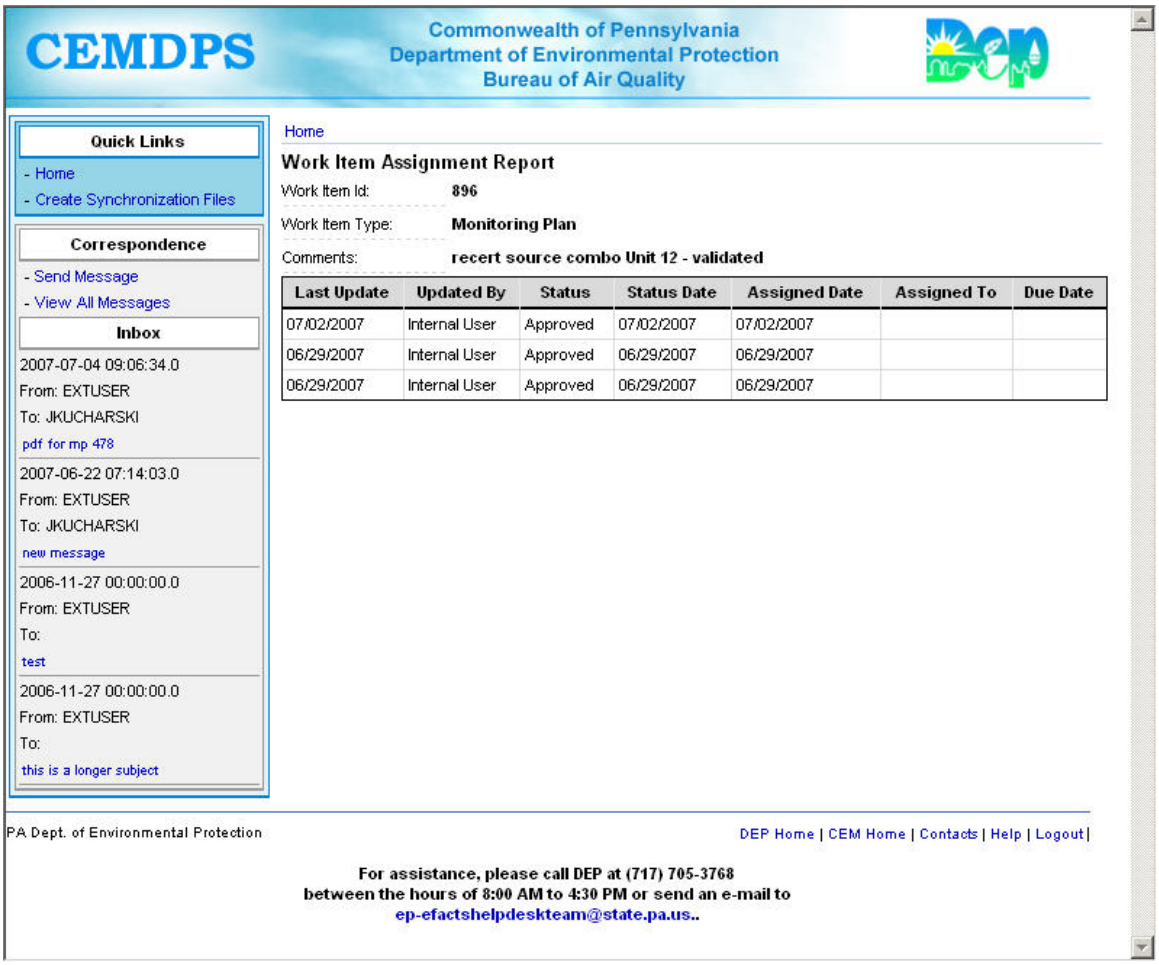
Note: Users who work in the online CEMDPS application do not need to download any files. Only people working offline using the CEMDPS disconnected client application need to download the files available from this page.



Link	Description
Configuration Synchronization File	Clicking this link opens the File Download dialog and allows users to save the file containing their most current facility configuration. **Note:** Only people using the CEMDPS disconnected client application need to download this file.
Internal DEP Codes Synchronization File	Clicking this link opens the File Download dialog and allows users to save the file containing the current list of DEP's internal codes. **Note:** Only people using the CEMDPS disconnected client application need to download this file.

Work Item Assignment Report

The *Work Item Assignment Report* page displays a history of actions performed on a work item. Information displayed and options available on this page appear in the table below.



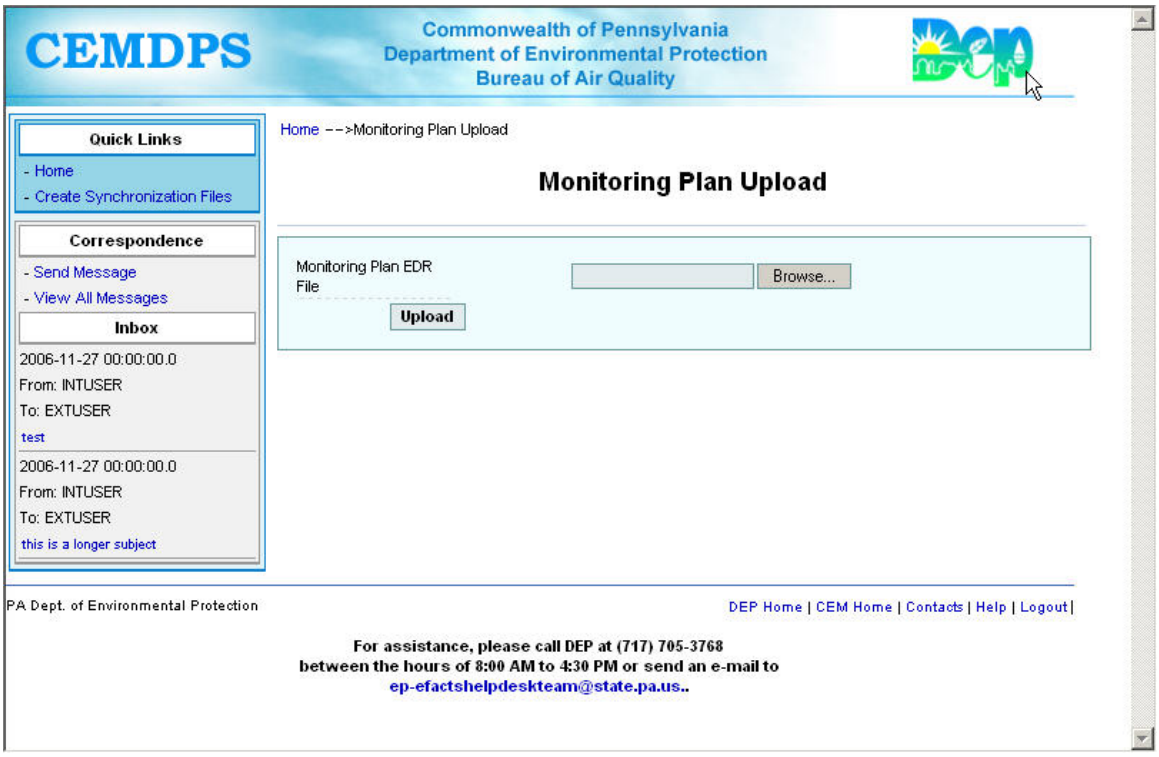
Column	Description
Work Item Id	Displays the unique identifier of the work item.
Work Item Type	Displays the type of work item.
Comments	Displays any comments entered about the work item.
Last Update	Displays the date the work item was last updated.
Updated By	Displays the user who updated the work item.
Status	Displays the work item's status.
Status Date	Displays the status date.
Assigned Date	Displays the date the work item was assigned.
Assigned To	Displays the user to whom the work item was assigned.
Due Date	Displays the date that action on the work item is due.

Upload EDR Submittal Packet

Monitoring Plan Upload

The *Monitoring Plan Upload* page lets you upload a monitoring plan file to the CEMDPS if your facility does not perform all continuous emission reporting processes using the CEMDPS online data entry screens. When you upload a monitoring plan EDR file, the information in the file is loaded into the CEMDPS database and is then available to view, edit, and submit from the CEMDPS online interface. ***After you upload all necessary EDR files for your monitoring plan, you must still validate the data and submit the monitoring plan to the DEP in the online interface.*** (Please see *Monitoring Plan Page* for more information about validating and submitting monitoring plan data.)

To upload a monitoring plan, follow the instructions for each field, as listed below.



Field Label	Activity
Monitoring Plan EDR File	Click the BROWSE button to select a monitoring plan file to upload. This file must be a fixed length text file and must be in the correct layout for the EDR you are uploading based on the current Continuous Source Monitoring Manual. The file you choose displays in the text box.

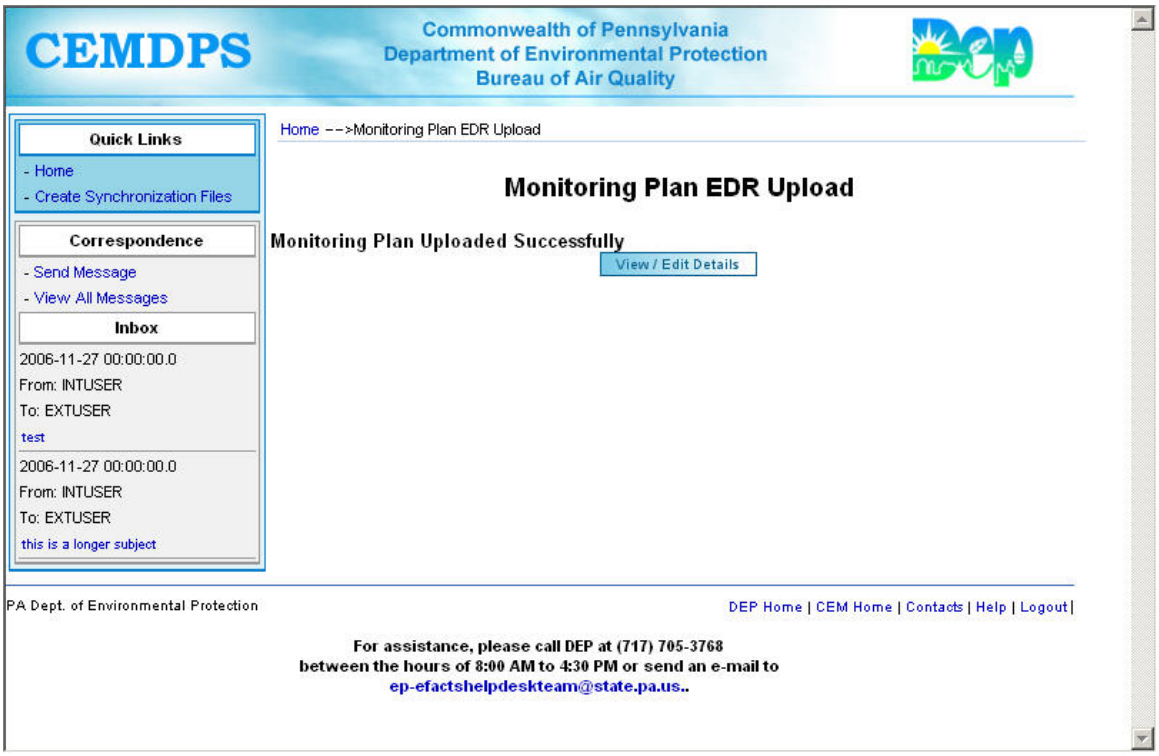
Button	Description
Upload	Clicking UPLOAD uploads the data from the EDR file into the CEMDPS database. The information is then available to view, edit, and submit from the CEMDPS online interface.

Notes:

- The EDR files you upload must be fixed length text files and must be in the correct layout for the EDR you are uploading based on the current Continuous Source Monitoring Manual.
- After you upload all necessary EDR files for your monitoring plan, you must still validate the data and submit the monitoring plan to the DEP in the online interface. (Please see *Monitoring Plan Page* for more information about validating and submitting monitoring plan data.)

Successful Upload

If the EDR text file layout is correct and all the data elements in the file are entered and formatted correctly, then the *Monitoring Plan Upload* page displays a confirmation message that the file uploaded successfully.



When an EDR is uploaded to the CEMDPS, you can view and edit the new monitoring plan information from the Facility Action Required area of the *Facility home page*.

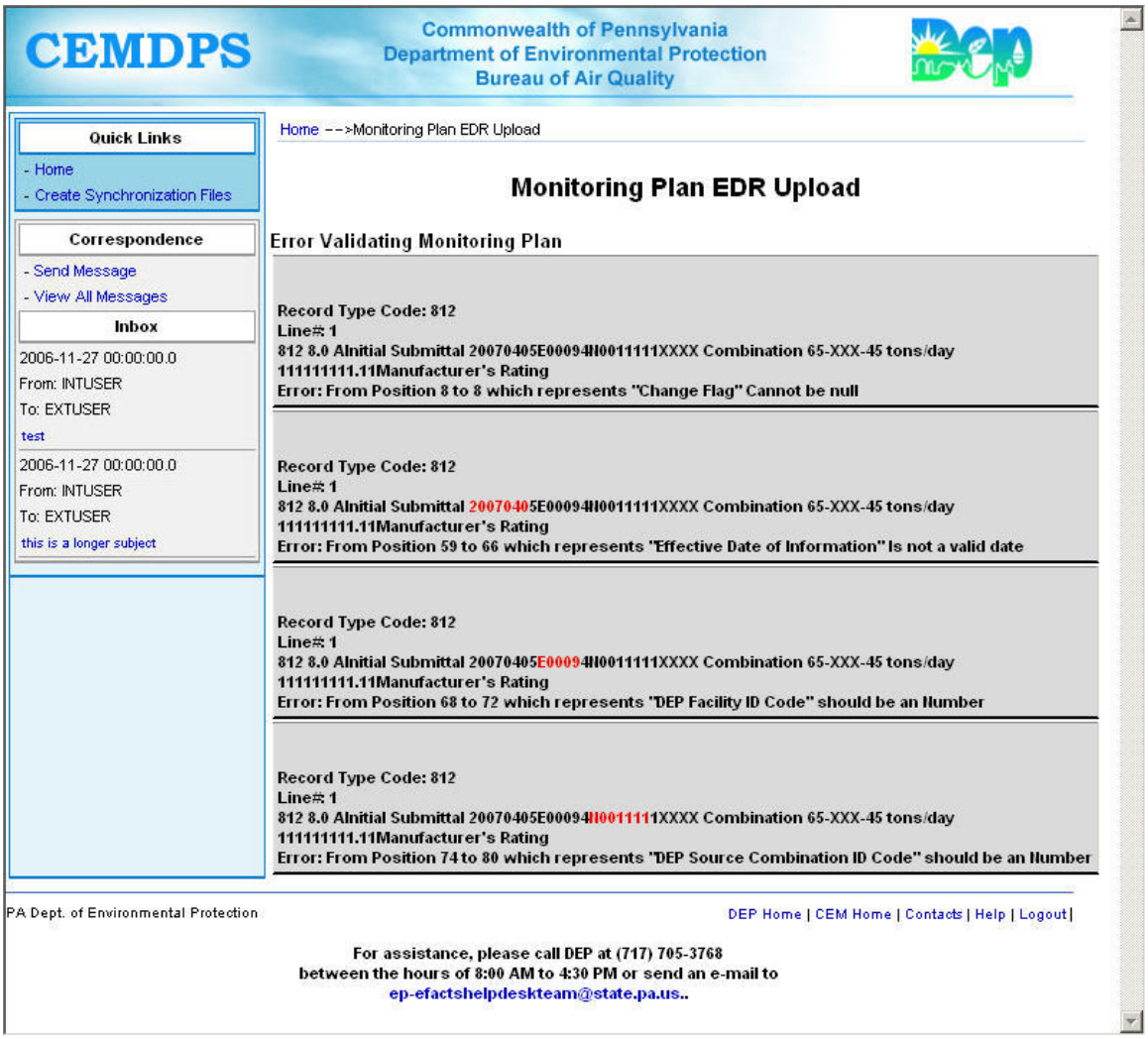
Note: After you upload all necessary EDR files for your monitoring plan, you must still validate the data and submit the monitoring plan to the DEP in the online interface. (Please see *Monitoring Plan Page* for more information about validating and submitting monitoring plan data.)

The VIEW/EDIT DETAILS Button

If your monitoring plan file uploads successfully, the VIEW/EDIT DETAILS button displays. Clicking this button allows you to view the uploaded EDR information in the CEMDPS's online interface.

Errors During Upload

If there are problems with the EDR text file layout or data elements in the file, then the *Monitoring Plan Upload* page displays a list of errors you must fix in order for the file to upload successfully.

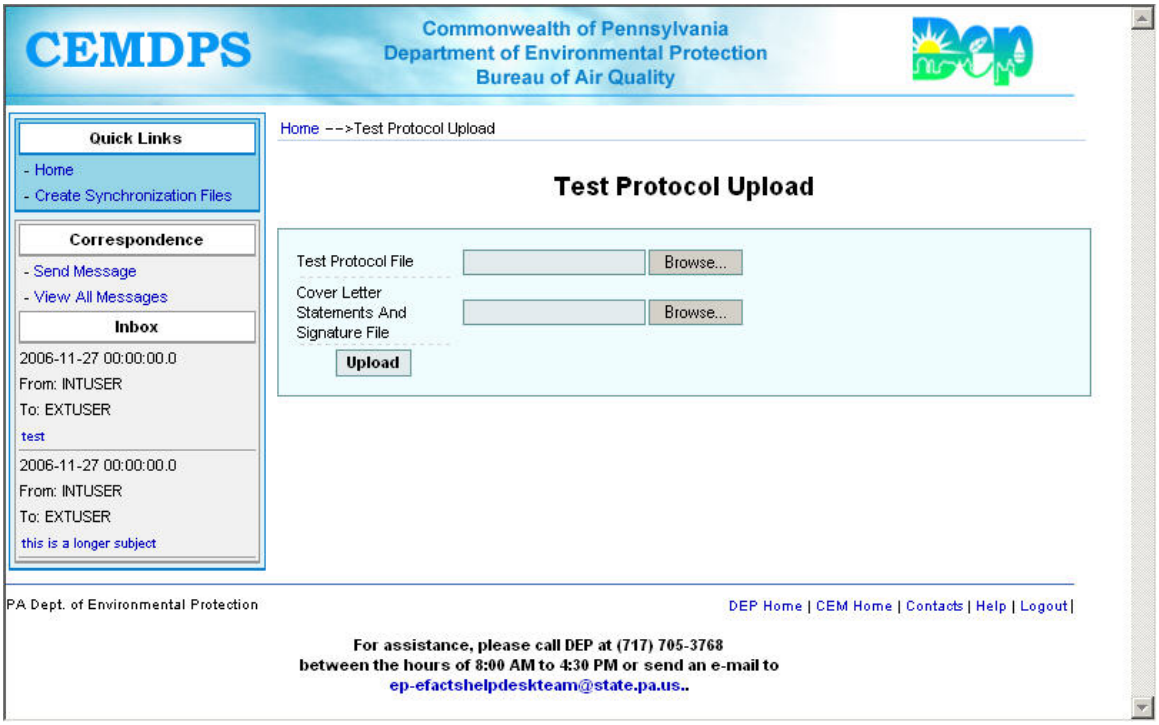


Each error listed includes the Record Type Code for the EDR, the line number containing the error, the line of data containing the error, and a description of the error. The description includes the field name and record position of the error, if applicable. You can adjust your text file and try to upload it as often as necessary until all errors clear and the file uploads successfully.

Test Protocol Upload

The *Test Protocol Upload* page lets you upload a test protocol file to the CEMDPS if your facility does not perform all continuous emission reporting processes using the CEMDPS online data entry screens. When you upload a test protocol EDR file, the information in the file is loaded into the CEMDPS database and is then available to view, edit, and submit from the CEMDPS online interface. ***After you upload all necessary EDR files for your test protocol, you must still validate the data and submit the test protocol to the DEP in the online interface.*** (Please see *Test Protocol Page* for more information about validating and submitting test protocol data.)

To upload a test protocol, follow the instructions for each field, as listed below.



Field Label	Activity
Test Protocol File	Click the BROWSE button to select a test protocol file to upload. This file must be a fixed length text file and must be in the correct layout for the EDR you are uploading based on the current Continuous Source Monitoring Manual. The file you choose displays in the text box.
Cover Letter Statements and Signature File	Click the BROWSE button to select a cover letter and/or signature file to upload along with your test protocol. This file may be in any format (*.pdf, *.doc, etc.).

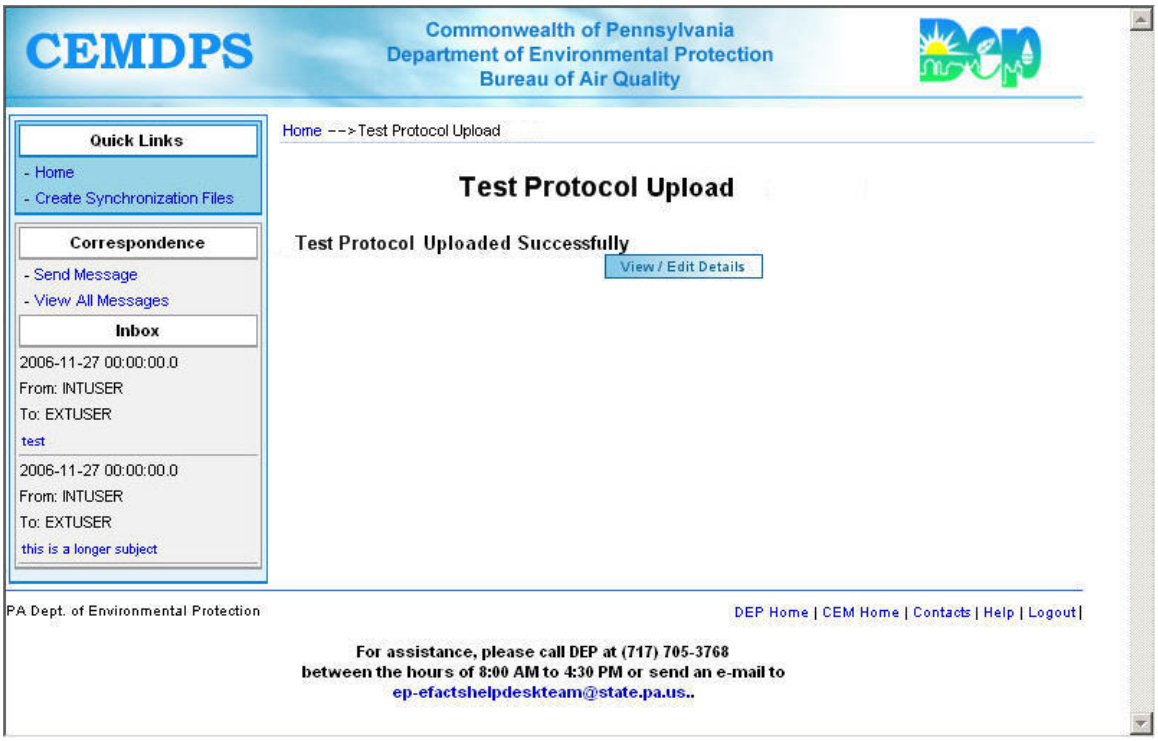
Button	Description
Upload	Clicking UPLOAD uploads the data from the EDR file into the CEMDPS database. The information is then available to view, edit, and submit from the CEMDPS online interface.

Notes:

- The EDR files you upload must be fixed length text files and must be in the correct layout for the EDR you are uploading based on the current Continuous Source Monitoring Manual.
- After you upload all necessary EDR files for your monitoring plan, you must still validate the data and submit the test protocol to the DEP in the online interface. (Please see *Test Protocol* page for more information about validating and submitting test protocol data.)

Successful Upload

If the test protocol EDR text file layout is correct and all the data elements in the file are entered and formatted correctly, then the *Test Protocol Upload* page displays a confirmation message that the file uploaded successfully.



When an EDR is uploaded to the CEMDPS, you can view and edit the new test protocol information from the Facility Action Required area of the *Facility home page*.

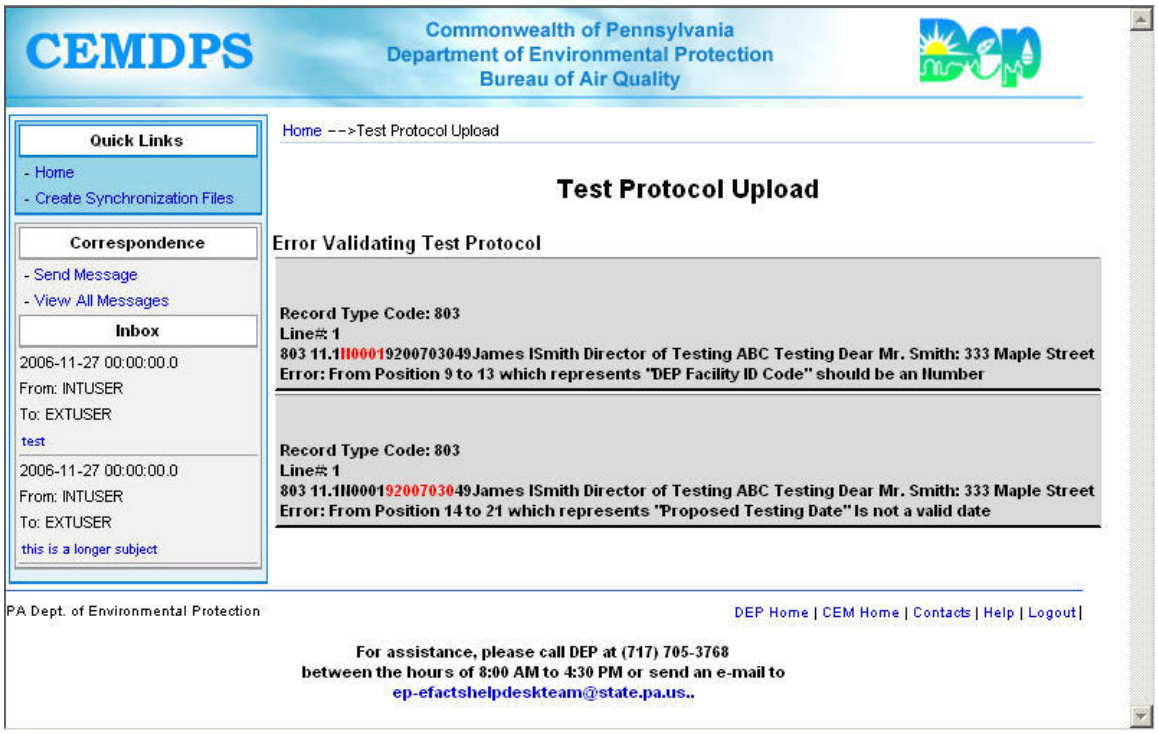
Note: After you upload all necessary EDR files for your test protocol, you must still validate the data and submit the test protocol to the DEP in the online interface. (Please see *Test Protocol* page for more information about validating and submitting test protocol data.)

The VIEW/EDIT DETAILS Button

If your test protocol file uploads successfully, the VIEW/EDIT DETAILS button displays. Clicking this button allows you to view the uploaded EDR information in the CEMDPS's online interface.

Errors During Upload

If there are problems with the EDR text file layout or data elements in the file, then the *Test Protocol Upload* page displays a list of errors you must fix in order for the file to upload successfully.

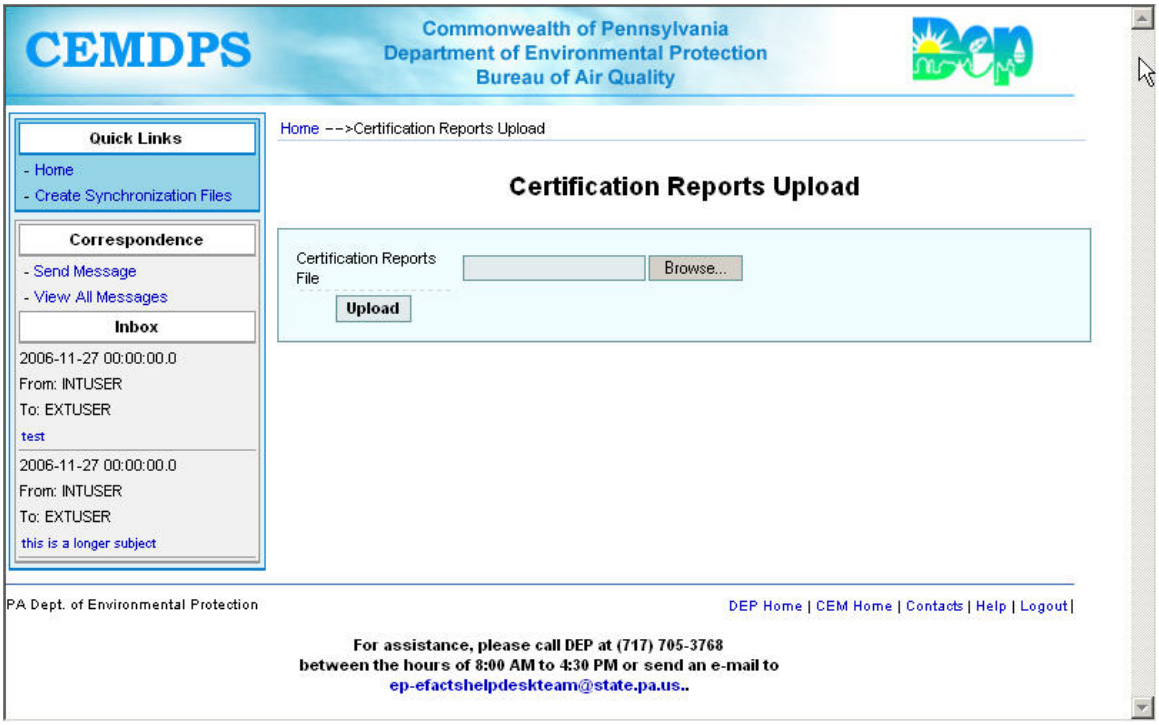


Each error listed includes the Record Type Code for the EDR, the line number containing the error, the line of data containing the error, and a description of the error. The description includes the field name and record position of the error, if applicable. You can adjust your text file and try to upload it as often as necessary until all errors clear and the file uploads successfully.

Certification Reports Upload

The *Certification Reports Upload* page lets you upload a certification report file to the CEMDPS if your facility does not perform all continuous emission reporting processes using the CEMDPS online data entry screens. When you upload a certification report EDR file, the information in the file is loaded into the CEMDPS database and is then available to view, edit, and submit from the CEMDPS online interface. ***After you upload all necessary EDR files for your certification report, you must still validate the data and submit the certification report to the DEP in the online interface.*** (Please see *Certification Report* page for more information about validating and submitting certification report data.)

To upload a certification report, follow the instructions for each field, as listed below.



Field Label	Activity
Certification Reports File	Click the BROWSE button to select a certification report file to upload. This file must be a fixed length text file and must be in the correct layout for the EDR you are uploading based on the current Continuous Source Monitoring Manual. The file you choose displays in the text box.

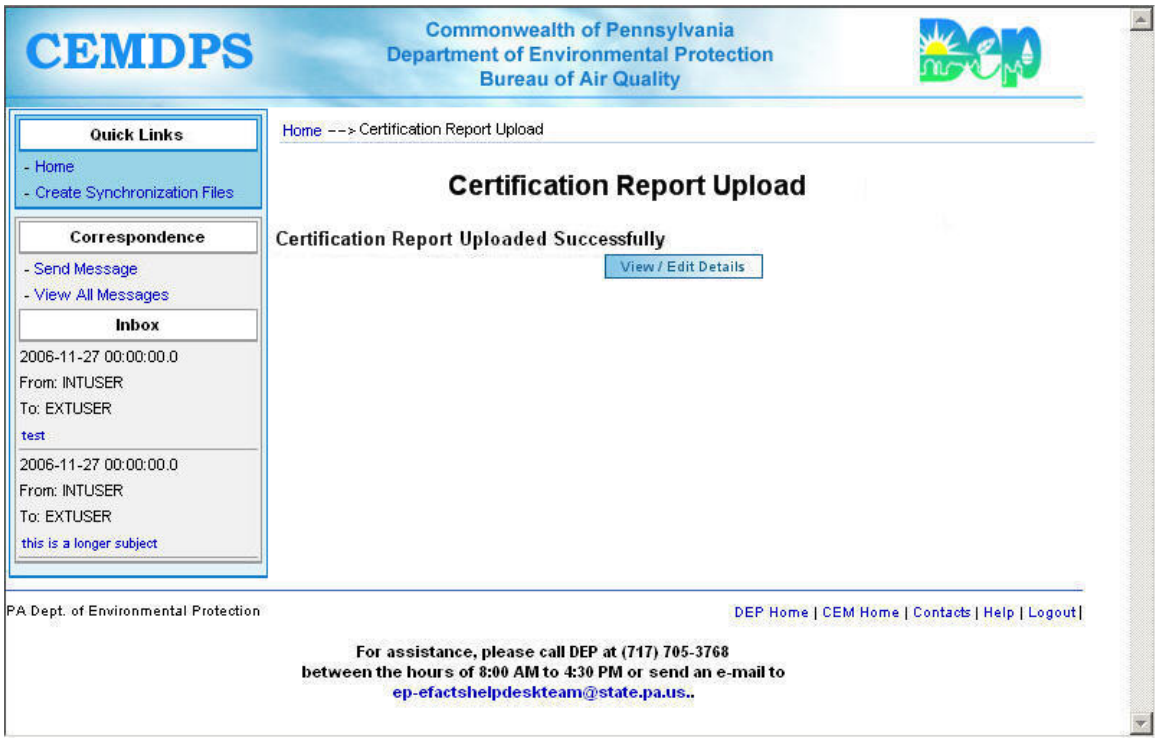
Button	Description
Upload	Clicking UPLOAD uploads the data from the EDR file into the CEMDPS database. The information is then available to view, edit, and submit from the CEMDPS online interface.

Notes:

- The EDR files you upload must be fixed length text files and must be in the correct layout for the EDR you are uploading based on the current Continuous Source Monitoring Manual.
- After you upload all necessary EDR files for your certification report, you must still validate the data and submit the certification report to the DEP in the online interface. (Please see *Certification Report Page* for more information about validating and submitting certification report data.)

Successful Upload

If the certification report EDR text file layout is correct and all the data elements in the file are entered and formatted correctly, then the *Certification Reports Upload* page displays a confirmation message that the file uploaded successfully.



When an EDR is uploaded to the CEMDPS, you can view and edit the new certification report information from the Facility Action Required area of the *Facility home page*.

Note: After you upload all necessary EDR files for your certification report, you must still validate the data and submit the certification report to the DEP in the online interface. (Please see *Certification/Test Report* page for more information about validating and submitting certification report data.)

The VIEW SUBMITTAL Button

If your certification report file uploads successfully, the VIEW SUBMITTAL button displays. Clicking this button allows you to view or save a document in PDF format that contains all certification report information to be submitted to the DEP.

Note: You must have Adobe® Acrobat in order to view the PDF document generated from the VIEW SUBMITTAL button.

Errors During Upload

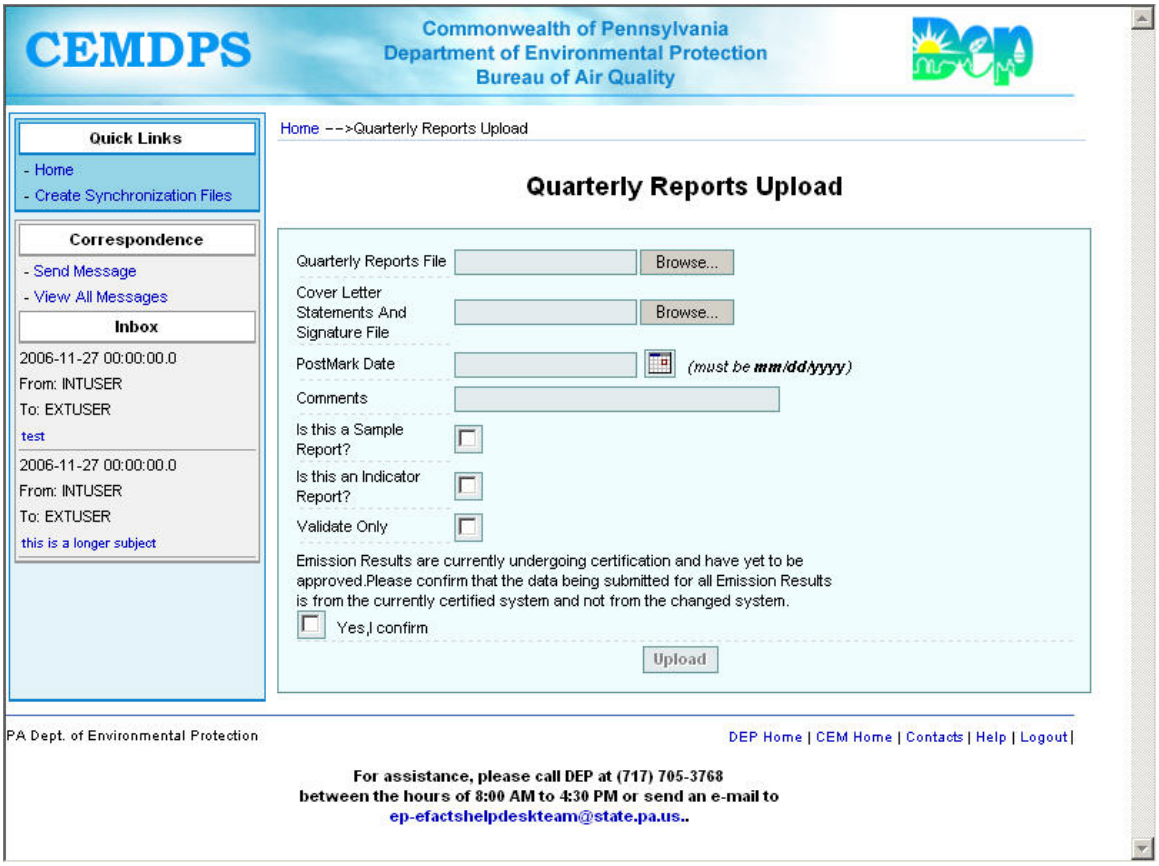
If there are problems with the EDR text file layout or data elements in the file, then the *Certification Reports Upload* page displays a list of errors you must fix in order for the file to upload successfully.

Each error listed includes the Record Type Code for the EDR, the line number containing the error, the line of data containing the error, and a description of the error. The description includes the field name and record position of the error, if applicable. You can adjust your text file and try to upload it as often as necessary until all errors clear and the file uploads successfully.

Quarterly Reports Upload

The *Quarterly Reports Upload* page lets you upload a quarterly report file to the CEMDPS and include cover letters and signature files with the report. Also, you may indicate whether the report is a sample.

To upload a quarterly report, follow the instructions for each field, as listed below.



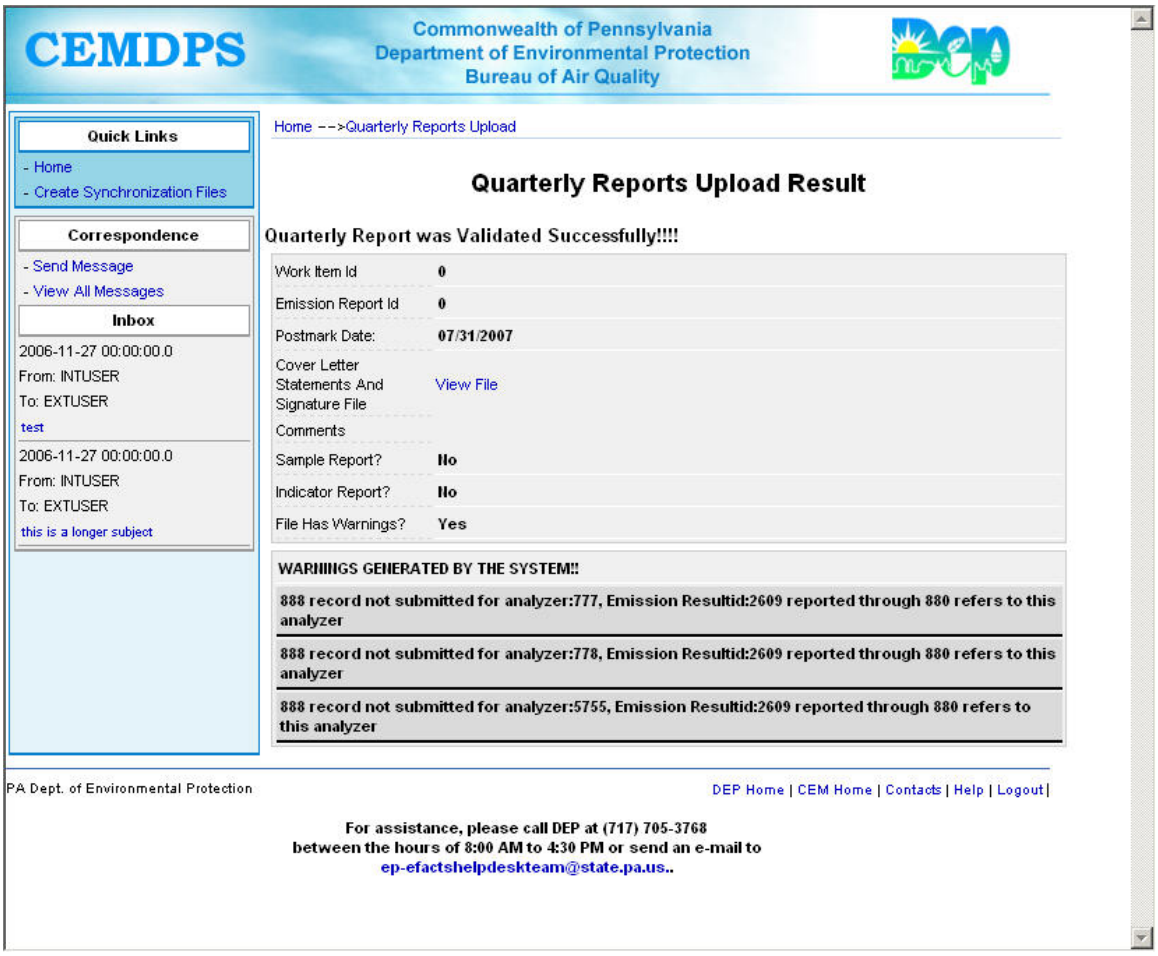
Field Label	Activity
Quarterly Reports File	Click the BROWSE button to select a report file to upload. This file must be a fixed length text file and must be in the correct layout for the EDR you are uploading based on the current Continuous Source Monitoring Manual. The file you choose displays in the text box.
Cover Letter Statements and Signature File	Click the BROWSE button to select a cover letter and/or signature file to upload along with your quarterly report. This file may be in any format (*.pdf, *.doc, etc.).
PostMark Date	Enter the postmark date of the information in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.) **Note:** This option only appears for DEP users with a "Super User" designation. It offers the opportunity for DEP personnel to enter a post mark date for reports they receive on CD or another source that they must upload to the CEMDPS themselves.

Field Label	Activity
Comments	Enter comments about the quarterly report.
Is this a Sample Report?	Click to place a checkmark in the checkbox if your quarterly report is a sample report.
Is this an Indicator Report?	Click to place a checkmark in the checkbox if your report is an indicator report.
Validate Only	Click to place a checkmark in the checkbox if you want to validate the upload only. Even if the report is validated, you will ***not*** have the option to submit the report if you check this option. See Successful Upload using the Validate Only Option for more information.
Yes, I confirm	The DEP requires that the report information provided is for currently certified emission results. Click the Yes, I confirm checkbox to indicate that this is true. **Note:** The UPLOAD button is only available when the Yes, I confirm checkbox is checked.

Button	Description
Upload	Clicking UPLOAD uploads the data from the EDR file into the CEMDPS database.

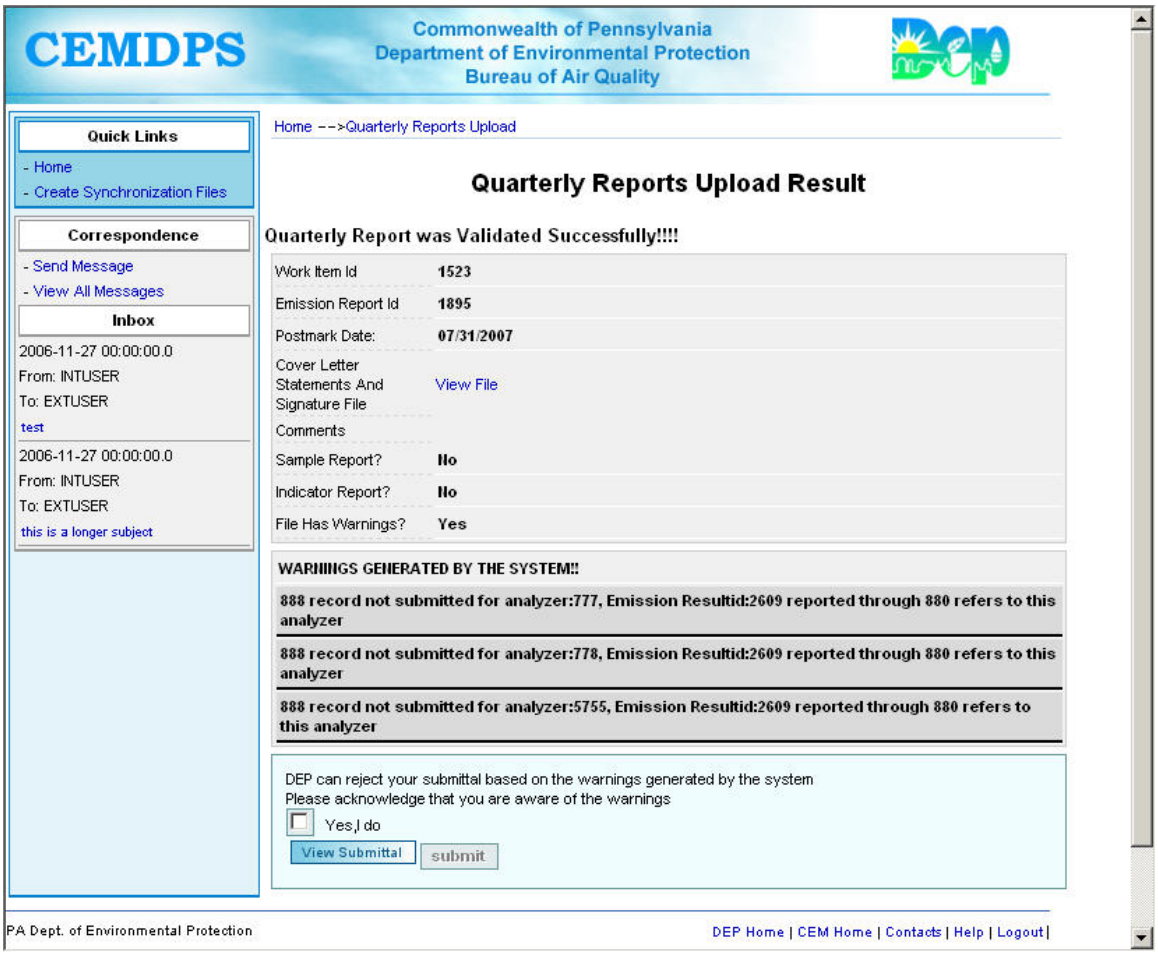
Successful Upload using the Validate Only Option

If you check the Validate Only option when uploading a report and if the quarterly report text file layout is correct and all the data elements in the file are formatted correctly, then the *Quarterly Reports Upload Results* page displays a confirmation message that the file was validated successfully. The results page also displays any warnings about missing information in the quarterly report. ***At this point, the quarterly report has not been submitted to the DEP. The Validate Only option does not offer the opportunity to submit the report to the DEP after successful validation.***



Successful Upload

If the quarterly report text file layout is correct and all the data elements in the file are formatted correctly, then the *Quarterly Reports Upload Results* page displays a confirmation message that the file was validated successfully. The results page also displays any warnings about missing information in the quarterly report. Finally, the page warns that the DEP can reject your submittal based on the system generated warnings shown, and asks you to confirm this before submitting to DEP.



Note: The CEMDPS system provides screens for entering or editing data for all continuous emission reporting except for quarterly reports. Quarterly reports must be uploaded as a file and are never available for editing in the online interface as are other processes (monitoring plans, test protocols, certification reports).

The VIEW SUBMITTAL Button

If your quarterly report file uploads successfully, the VIEW SUBMITTAL button displays. Clicking this button allows you to view or save a document in PDF format that contains all quarterly report information submitted to the DEP.

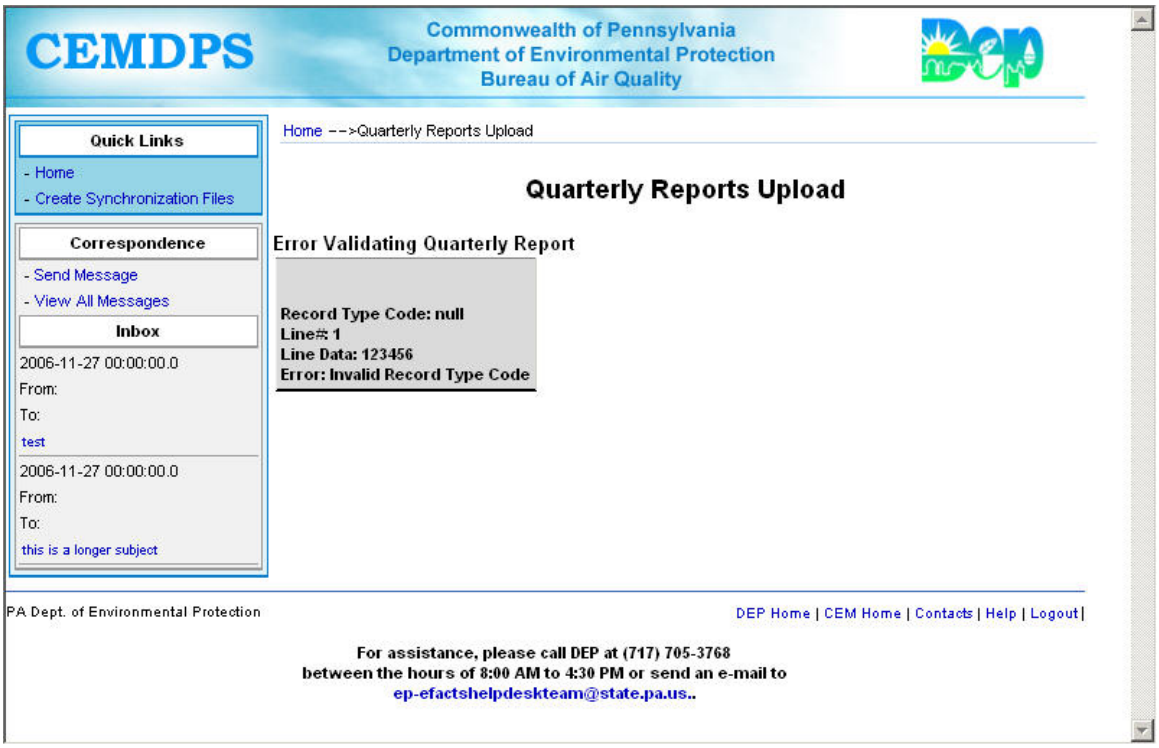
Note: You must have Adobe® Acrobat in order to view the PDF document generated from the VIEW SUBMITTAL button.

The SUBMIT Button

If your quarterly report file is validated and you click to check the **Yes, I do** check box to acknowledge that the DEP may reject your report submission based on the displayed system warnings, the SUBMIT button becomes available and allows you to submit your report to the DEP for review.

Errors During Upload

If there are problems with the text file layout or data elements in the file, then the *Quarterly Reports Upload* page displays a list of errors you must fix in order for the file to upload successfully.

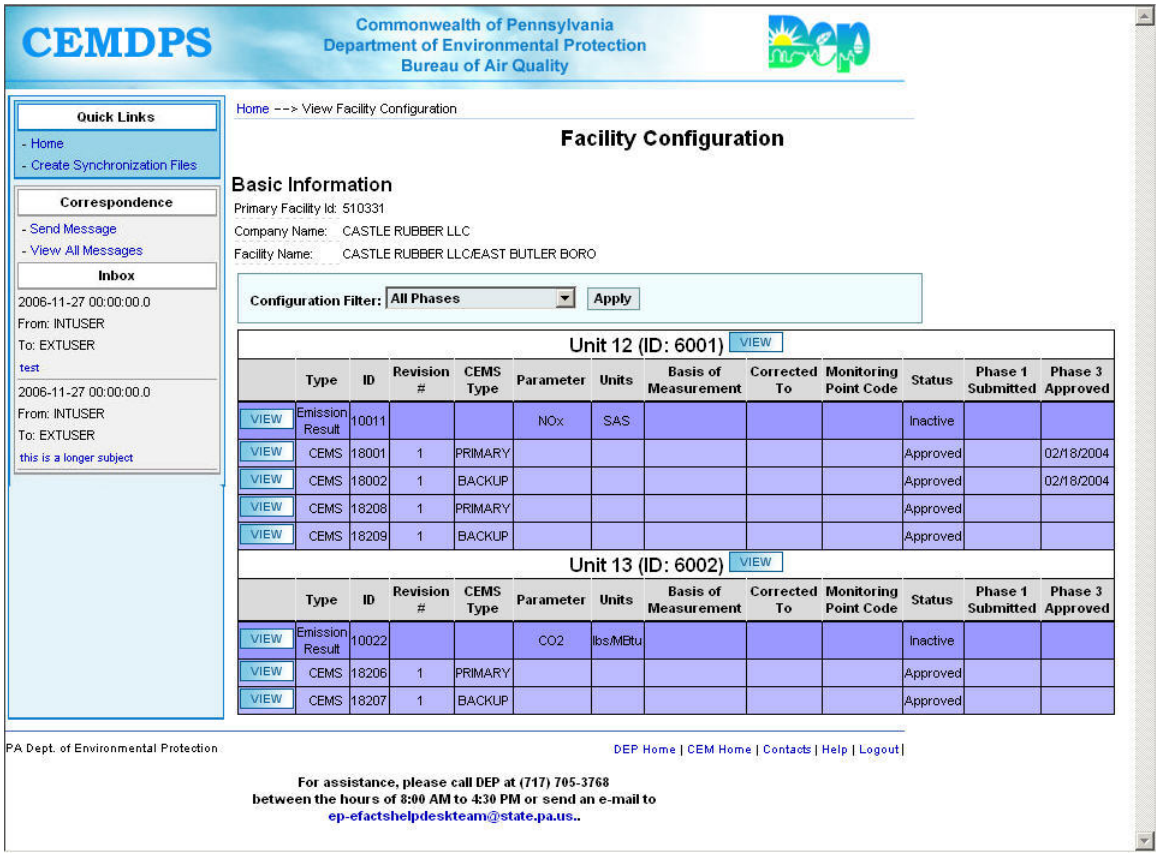


Each error listed includes the Record Type Code for the EDR, the line number containing the error, the line of data containing the error, and a description of the error. The description includes the field name and record position of the error, if applicable. You can adjust your text file and try to upload it as often as necessary until all errors clear and the file uploads successfully.

Facility Configuration

Facility Configuration

The *Facility Configuration* page displays information about all phases of a facility's configuration. In addition, you can choose to view just those items that are in a particular phase or view more details about one item in particular. Descriptions of the *Facility Configuration* page's structure and options appear below.



Basic Information

The Basic Information section displays three pieces of information about the facility: the primary facility ID, the company name, and the facility name.

Configuration Filter

The Configuration Filter drop-down allows you to choose the CEMSs shown in the source combination tables beneath the filter based on the CEMS's phase in the submittal process.

Field Label	Description
Configuration Filter	Provides a drop-down to choose a process phase: Certified,

Field Label	Description
	Certified and In-process, In-process, or All Phases. All CEMSs in the configuration that are currently in that phase appear in the source combination tables beneath the filter drop-down. The default view is to show CEMSs from all phases.

Button	Description
Apply	Click APPLY to update the source combination tables to show only those CEMSs that are currently in the phase selected in the Configuration Filter drop-down.

To change the configuration view using the Configuration Filter:

1. Use the Configuration Filter drop-down to select a CEMS phase (Certified, Certified and In-process, In-process, or All Phases).
2. Click APPLY. All CEMSs in the facility's configuration that are currently in the phase selected in the Configuration Filter appear in the source combination tables.

Source Combination Tables

The source combination tables display information about source combinations in the facility's configuration and allow you to view more details about a source combination and its components.

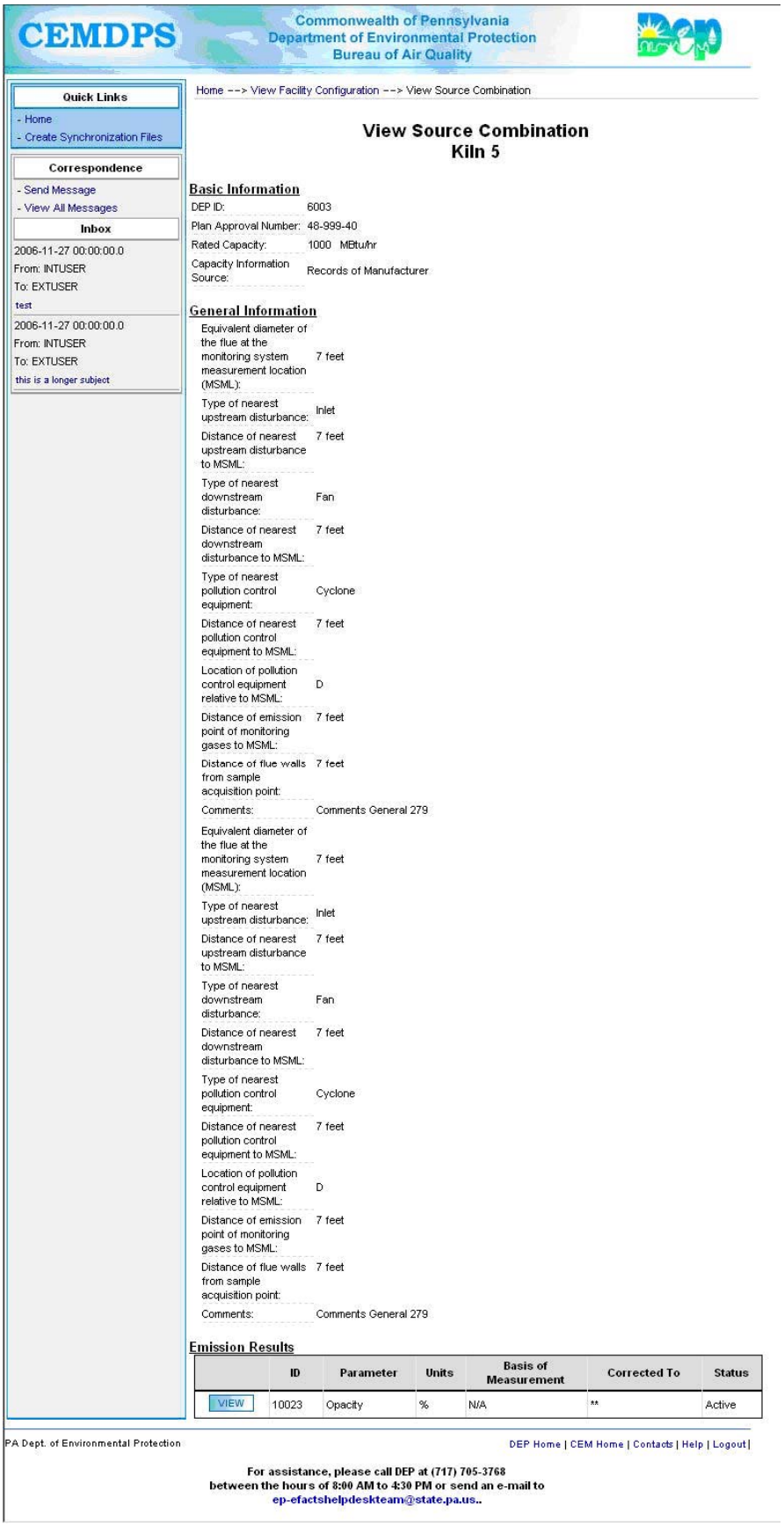
Column	Description
Source Combination Name (ID)	For each source combination, the combination name and ID appear in the first row of the table.
Type	Indicates the type of component of the source combination.
ID	Displays the unique identifier of the component of the source combination.
Revision #	Indicates the continuous source monitoring manual revision number of the CEMS.
CEMS Type	Indicates the type of CEMS (Primary, Backup, or Standby).
Parameter	Displays the parameter/pollutant for the emission result or analyzer.
Units	Indicates the units of measurement of the emission result or analyzer.
Basis of Measurement	Indicates the basis of measurement of the emission result or analyzer.
Corrected To	Displays the corrected to value of the emission result.
Monitoring Point Code	Indicates the monitoring point code of the analyzer.
Status	Displays the current status of the component.
Phase 1 Submitted	Displays the date of Phase 1 submission.
Phase 3 Approved	Displays the date of Phase 3 approval.

Button	Description
View	Clicking the VIEW button next to a source combination or component takes you to a page with more detailed information about that item. For more information, see the following pages:

Button	Description
	• *View Source Combination* • *View Emission Result* • *View CEMS* • *View Analyzer*

View Source Combination

The *View Source Combination* page displays detailed information about a source combination at a facility. From this page, you can also view details about other components of the source combination. Information about the structure and options available on this page appear in the following sections.



CEMDPS

Commonwealth of Pennsylvania
Department of Environmental Protection
Bureau of Air Quality

Quick Links
- Home
- Create Synchronization Files

Correspondence
- Send Message
- View All Messages

Inbox
2006-11-27 00:00:00.0
From: INTUSER
To: EXTUSER
test

2006-11-27 00:00:00.0
From: INTUSER
To: EXTUSER
this is a longer subject

Home --> View Facility Configuration --> View Source Combination

View Source Combination
Kiln 5

Basic Information

DEP ID:	6003
Plan Approval Number:	48-999-40
Rated Capacity:	1000 MBtu/hr
Capacity Information Source:	Records of Manufacturer

General Information

Equivalent diameter of the flue at the monitoring system measurement location (MSML):	7 feet
Type of nearest upstream disturbance:	Inlet
Distance of nearest upstream disturbance to MSML:	7 feet
Type of nearest downstream disturbance:	Fan
Distance of nearest downstream disturbance to MSML:	7 feet
Type of nearest pollution control equipment:	Cyclone
Distance of nearest pollution control equipment to MSML:	7 feet
Location of pollution control equipment relative to MSML:	D
Distance of emission point of monitoring gases to MSML:	7 feet
Distance of flue walls from sample acquisition point:	7 feet
Comments:	Comments General 279
Equivalent diameter of the flue at the monitoring system measurement location (MSML):	7 feet
Type of nearest upstream disturbance:	Inlet
Distance of nearest upstream disturbance to MSML:	7 feet
Type of nearest downstream disturbance:	Fan
Distance of nearest downstream disturbance to MSML:	7 feet
Type of nearest pollution control equipment:	Cyclone
Distance of nearest pollution control equipment to MSML:	7 feet
Location of pollution control equipment relative to MSML:	D
Distance of emission point of monitoring gases to MSML:	7 feet
Distance of flue walls from sample acquisition point:	7 feet
Comments:	Comments General 279

Emission Results

	ID	Parameter	Units	Basis of Measurement	Corrected To	Status
VIEW	10023	Opacity	%	N/A	**	Active

PA Dept. of Environmental Protection

DEP Home | CEM Home | Contacts | Help | Logout |

For assistance, please call DEP at (717) 705-3768
between the hours of 8:00 AM to 4:30 PM or send an e-mail to
ep-efactshelpdeskteam@state.pa.us..

Basic Information/General Information

The Basic Information and General Information sections provide an overall description of the source combination.

Emission Results

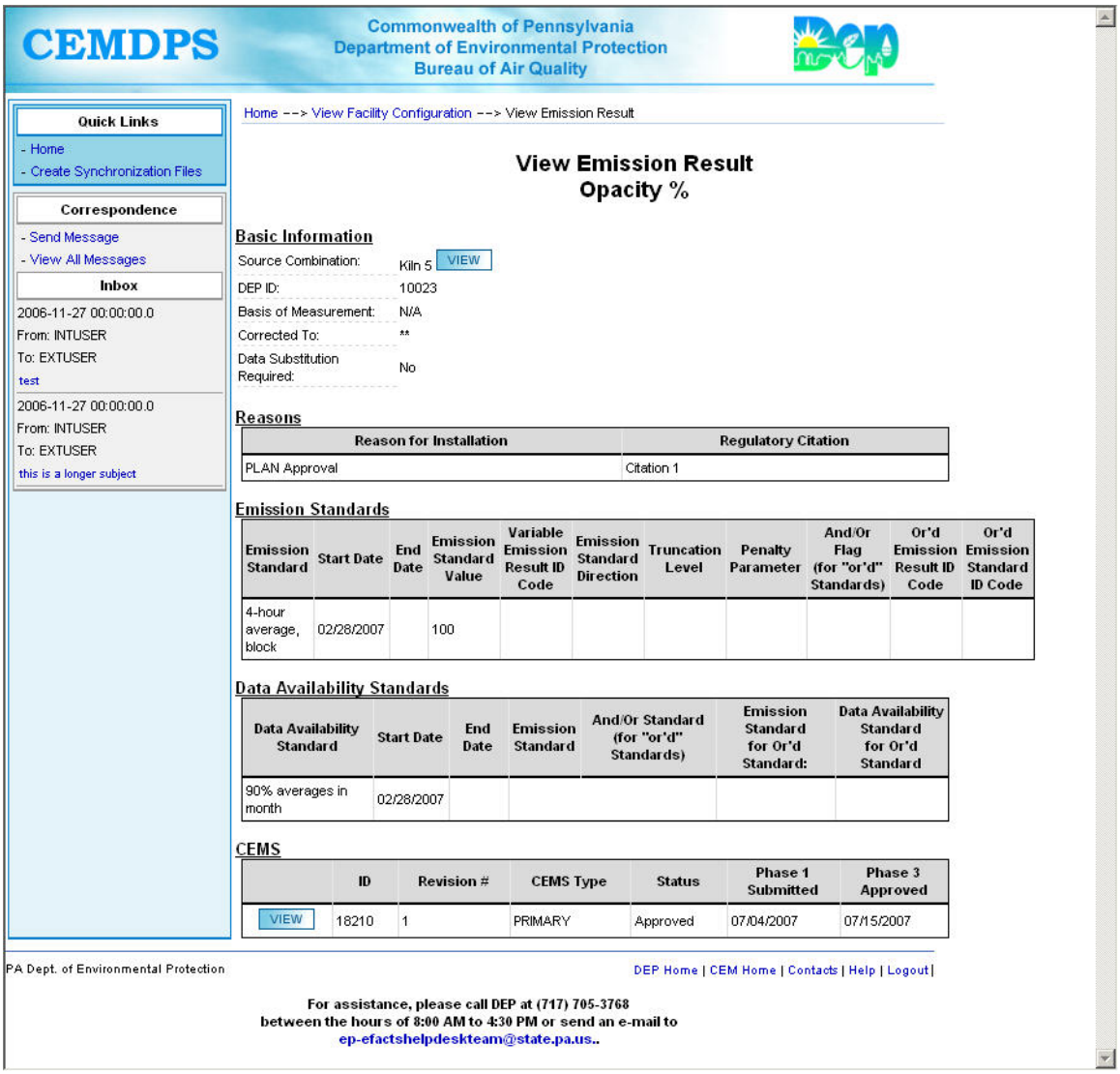
The Emission Results section lists the emission results associated with the source combination and allows you to view more details about each emission result.

Column	Description
ID	Displays the emission result ID.
Parameter	Displays the parameter/pollutant for the emission result.
Units	Indicates the units of measurement of the emission result.
Basis of Measurement	Indicates the basis of measurement of the emission result.
Corrected To	Displays the corrected to value of the emission result.
Status	Displays the status of the emission result.

Button	Description
VIEW	Clicking VIEW next to an emission result displays the *View Emission Result* page, which contains detailed information about the emission result.

View Emission Result

The *View Emission Result* page displays detailed information about an emission result at a facility. From this page, you can also view details about the source combination and the CEMSs associated with the emission result. Information about the structure and options available on this page appear in the following sections.



Basic Information

The Basic Information section displays five pieces of information about the emission result, as shown in the following table.

Field Label	Description
Source Combination	Indicates the source combination to which the emission result belongs.
DEP ID	Indicates the DEP ID of the emission result.
Basis of Measurement	Displays the Basis of Measurement for the emission result. Examples of possible values are: • Wet (W) • Dry (D) • Not Applicable (N)
Corrected To	Displays the Corrected To value for the emission result. Examples of possible values are: • ** (Not Applicable) • 0% O2 • 10% O2 • 12% O2 • 15% O2 • 7% O2 • 8% O2
Data Substitution Required	Indicates whether data substitution is required (Yes or No).

Button	Description
VIEW	Clicking this button displays opens the *View Source Combination* page with more details about the source combination.

Reasons

This section displays the emission result reasons for the emission result, as described in the following table.

Column	Description
Reason for Installation	Displays the Reason for Installation. Examples of possible values are: • Not Applicable • Unknown • NESHAPS • NSPS • Department Order • Acid Rain Phase I • Acid Rain Phase II • Plan Approval • PSD • RACT • SIP • Trading Program
Regulatory Citation	Displays the regulatory citation for the reason represented by the Reason for Installation (for instance, 25 PA Code - Chapter 127, 25

Column	Description
	PA Code Chapter 145, etc.).

Emission Standards

This section displays emission standards associated with the emission result, as shown in the table below.

Column	Description
Emission Standard	Displays the emission standard to identify the type of averaging/summation period involved. Examples of possible values are: No ESIDC (Use for DA Std Only) / Std1dev, no exceptions 1-Minute average, 3 exceptions in hour / Std2dev, no exceptions 1-Minute average, block / 4-hour average, block 1-day average, block / 12-hour average, block Daily averages, 2 exceptions in 30-day / 24-hour average, rolling by 1 hour 30-day average, rolling by 1 day / 6-minute average, block 1-hour average, block / 1-day sum 4-day average, rolling by 1 day / 12-month sum, rolling by 1 month 3-hour average, rolling by 1 hour / 12-month average, rolling by 1 month 4-hour average, rolling by 1 hour / 3-hour average, block 8-hour average, rolling by 1 hour / 7-day average, rolling by 1 day 12-hour average, rolling by 1 hour / 1-day average, block, geometric 1-Year sum / 30-Operating-Day operating hour average, by 1 day Std1dev, 3 exceptions in hour / 1-month average, block
Start Date	Displays the starting date the standard applies in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
End Date	Displays the last date the standard applies in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
Emission Standard Value	Displays the value of the emission standard. If the emission result is subject to a variable standard (based on process operating conditions, etc.), leave this field blank. Use format F16.6 for data entered in this field.
Variable Emission Result ID Code	Should the emission result be subject to a variable standard (based on process operating conditions, etc.), displays the DEP Emission Result ID Code for the emission result used to report such variable emission standard for comparison with the emission result

<table>
<tr><th>Column</th><th>Description</th></tr>
<tr><td></td><td>represented by this record.</td></tr>
<tr><td>Emission Standard Direction</td><td>Displays the Emission Standard Direction. Acceptable values are:
<table>
<tr><td>Less Than</td><td>Violation if monitoring result is less than the emission standard value</td></tr>
<tr><td>Less Than Equal</td><td>Violation if monitoring result is less than or equal to the emission standard value</td></tr>
<tr><td>Greater Than</td><td>Violation if monitoring result is greater than the emission standard value</td></tr>
<tr><td>Greater Than Equal</td><td>Violation if monitoring result is greater than or equal to the emission standard value</td></tr>
</table></td></tr>
<tr><td>Truncation Level</td><td>Displays the truncation level (as supplied by the PADEP). Acceptable values are in the range -6 to +9, with +0 as a valid value.</td></tr>
<tr><td>Penalty Parameter</td><td>Displays the Penalty Parameter. Examples of possible values are:
<table>
<tr><td>E-General 1-Month Ave</td><td>D-MWI Opacity</td></tr>
<tr><td>E-General 12-Month roll</td><td>E-Boiler/General 20% Standard Opacity</td></tr>
<tr><td>E-MWI CE</td><td>E-Boiler/General 60% Standard Opacity</td></tr>
<tr><td>D-Hospital Incinerator CE, CO, Temp.</td><td>E-Cement Kiln 20% Standard Opacity</td></tr>
<tr><td>D-MWI CE, CO, Temp.</td><td>E-Cement Kiln 60% Standard Opacity</td></tr>
<tr><td>E-Hospital Incinerator Daily CO</td><td>E-FCC 20% Standard Opacity</td></tr>
<tr><td>E-MWI 4 Day CO</td><td>E-FCC 60% Standard Opacity</td></tr>
<tr><td>E-MWI 4 Hour CO</td><td>E-FCC 20% Standard After October 2004 Opacity</td></tr>
<tr><td>E-MWI 8 Hour CO</td><td>E-FCC 60% Standard After October 2004 Opacity</td></tr>
<tr><td>E-MWI Daily CO</td><td>E-MWI 10% Standard Opacity</td></tr>
<tr><td>E-MWI Daily CO After ???</td><td>E-MWI 30% Standard Opacity</td></tr>
<tr><td>E-Interim Guidelines Hourly-Main Standards</td><td>E-MWI Daily SO2</td></tr>
<tr><td>E-MWI Daily HCl</td><td>E-MWI Hourly SO2</td></tr>
<tr><td>E-MWI Daily HCl After ???</td><td>E-Blr/G Daily (lbs/Mbtu, ppm, lbs/hr) SO2, NOx, CO</td></tr>
<tr><td>E-MWI Daily HCl no Reduction</td><td>E-Boiler/General 2-in-30 Day SO2, NOx, CO</td></tr>
<tr><td>E-Boiler Homer City Only NOx</td><td>E-Boiler/General 30-Day SO2, NOx, CO</td></tr>
<tr><td>E-MWI Daily NOx</td><td>E-Boiler/General Daily/30D (lbs/Mbtu) SO2, NOx, CO</td></tr>
<tr><td>D-Boiler/General Hourly Opacity</td><td>D-MWI SO2, NOx, HCl</td></tr>
<tr><td>D-Cement Kiln Opacity</td><td>D-Boiler/General Hourly, Daily SO2, NOx, TRS</td></tr>
<tr><td>D-FFC Opacity</td><td>E-Interim Guidelines Hourly - Temp. Adj Stds</td></tr>
<tr><td>D-FFC Opacity October 2004</td><td>E-MWI Minute Temp.</td></tr>
</table></td></tr>
<tr><td>And/Or Flag (for "or'd" Standards)</td><td>If the emission standard applies in addition to any other emission standards (or is the only emission standard), displays And. If the</td></tr>
</table>

Column	Description
	emission standard is one of a number of alternatives, displays *Or*.
Or'd Emission Result ID Code	If the emission standard is one of a number of alternatives, displays the emission result ID code to which the ord standard applies. Otherwise, this field is blank.
Or'd Emission Standard ID Code	If the emission standard is one of a number of alternatives, displays the emission standard ID code of the emission result ID code for the ord standard which applies. Otherwise, this field is blank.

Data Availability Standards

This section displays the data availability standards associated with the emission result, as shown in the following table.

Column	Description
Data Availability Standard	Displays the data availability standard. Examples of possible values are: *Value* / *Description* 1 – 90% hours in month 2 – 95% hours in quarter 3 – 90% averages in month 4 – 75% averages in month 5 – 85% averages in quarter 6 – 100% hours in quarter 7 – 95% hours in day 8 – 50% hours in 30-day 9 – 23 days in 30-day 10 – 100% hours in day
Start Date	Displays the starting date the standard applies in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
End Date	Displays the last date the standard applies in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
Emission Standard	Displays the emission standard. If the Data Availability Standard is not related to an Emission standard, then *No ESIDC (Use for DA Std Only)* displays. Examples of possible values are: *Value* / *Description* 0 – No ESIDC (Use for DA Std Only) 1 – 1-Minute average, 3 exceptions in hour 2 – 1-Minute average, block

<table>
<tr><th>Column</th><th>Description</th></tr>
<tr><td></td><td>
<table>
<tr><td>3</td><td>1-day average, block</td></tr>
<tr><td>4</td><td>Daily averages, 2 exceptions in 30-day</td></tr>
<tr><td>5</td><td>30-day average, rolling by 1 day</td></tr>
<tr><td>6</td><td>1-hour average, block</td></tr>
<tr><td>7</td><td>4-day average, rolling by 1 day</td></tr>
<tr><td>8</td><td>3-hour average, rolling by 1 hour</td></tr>
<tr><td>9</td><td>4-hour average, rolling by 1 hour</td></tr>
<tr><td>10</td><td>8-hour average, rolling by 1 hour</td></tr>
<tr><td>11</td><td>12-hour average, rolling by 1 hour</td></tr>
<tr><td>12</td><td>1-Year sum</td></tr>
<tr><td>13</td><td>Std1dev, 3 exceptions in hour</td></tr>
<tr><td>14</td><td>Std1dev, no exceptions</td></tr>
<tr><td>15</td><td>Std2dev, no exceptions</td></tr>
<tr><td>16</td><td>4-hour average, block</td></tr>
<tr><td>17</td><td>12-hour average, block</td></tr>
<tr><td>18</td><td>24-hour average, rolling by 1 hour</td></tr>
<tr><td>19</td><td>6-minute average, block</td></tr>
<tr><td>20</td><td>1-day sum</td></tr>
<tr><td>21</td><td>12-month sum, rolling by 1 month</td></tr>
<tr><td>22</td><td>12-month average, rolling by 1 month</td></tr>
<tr><td>23</td><td>3-hour average, block</td></tr>
<tr><td>24</td><td>7-day average, rolling by 1 day</td></tr>
<tr><td>25</td><td>1-day average, block, geometric</td></tr>
<tr><td>26</td><td>30-Operating-Day operating hour average, by 1 day</td></tr>
<tr><td>27</td><td>1-month average, block</td></tr>
</table>
</td></tr>
<tr><td>And/Or Standard (for or'd Standards)</td><td>Displays the And/Or Standard for or'd standards. Acceptable values are:
And (A) - The data availability standard applies in addition to any other data availability standards, or is the only data availability standard.
Or (O) - The data availability standard is one of a number of alternatives</td></tr>
<tr><td>Emission Standard for or'd Standard</td><td>If the Emission Standard is one of a number of alternatives, displays the Emission Standard for Or'd Standard. Examples of possible values are:
<table>
<tr><td>Value</td><td>Description</td></tr>
<tr><td>0</td><td>No ESIDC (Use for DA Std Only)</td></tr>
<tr><td>1</td><td>1-Minute average, 3 exceptions in hour</td></tr>
<tr><td>2</td><td>1-Minute average, block</td></tr>
<tr><td>3</td><td>1-day average, block</td></tr>
<tr><td>4</td><td>Daily averages, 2 exceptions in 30-day</td></tr>
<tr><td>5</td><td>30-day average, rolling by 1 day</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><th>Column</th><th>Description</th></tr>
<tr><td></td><td>
<table>
<tr><td>6</td><td>1-hour average, block</td></tr>
<tr><td>7</td><td>4-day average, rolling by 1 day</td></tr>
<tr><td>8</td><td>3-hour average, rolling by 1 hour</td></tr>
<tr><td>9</td><td>4-hour average, rolling by 1 hour</td></tr>
<tr><td>10</td><td>8-hour average, rolling by 1 hour</td></tr>
<tr><td>11</td><td>12-hour average, rolling by 1 hour</td></tr>
<tr><td>12</td><td>1-Year sum</td></tr>
<tr><td>13</td><td>Std1dev, 3 exceptions in hour</td></tr>
<tr><td>14</td><td>Std1dev, no exceptions</td></tr>
<tr><td>15</td><td>Std2dev, no exceptions</td></tr>
<tr><td>16</td><td>4-hour average, block</td></tr>
<tr><td>17</td><td>12-hour average, block</td></tr>
<tr><td>18</td><td>24-hour average, rolling by 1 hour</td></tr>
<tr><td>19</td><td>6-minute average, block</td></tr>
<tr><td>20</td><td>1-day sum</td></tr>
<tr><td>21</td><td>12-month sum, rolling by 1 month</td></tr>
<tr><td>22</td><td>12-month average, rolling by 1 month</td></tr>
<tr><td>23</td><td>3-hour average, block</td></tr>
<tr><td>24</td><td>7-day average, rolling by 1 day</td></tr>
<tr><td>25</td><td>1-day average, block, geometric</td></tr>
<tr><td>26</td><td>30-Operating-Day operating hour average, by 1 day</td></tr>
<tr><td>27</td><td>1-month average, block</td></tr>
</table>
</td></tr>
<tr><td>Data Availability Standard for Or'd Standard</td><td>If the Data Availability Standard is one of a number of alternatives, displays the Data Availability Standard for Or'd Standard. Examples of possible values are:
<table>
<tr><th>Value</th><th>Description</th></tr>
<tr><td>1</td><td>90% hours in month</td></tr>
<tr><td>2</td><td>95% hours in quarter</td></tr>
<tr><td>3</td><td>90% averages in month</td></tr>
<tr><td>4</td><td>75% averages in month</td></tr>
<tr><td>5</td><td>85% averages in quarter</td></tr>
<tr><td>6</td><td>100% hours in quarter</td></tr>
<tr><td>7</td><td>95% hours in day</td></tr>
<tr><td>8</td><td>50% hours in 30-day</td></tr>
<tr><td>9</td><td>23 days in 30-day</td></tr>
</table>
</td></tr>
</table>

Column	Description
	10 | 100% hours in day

CEMS

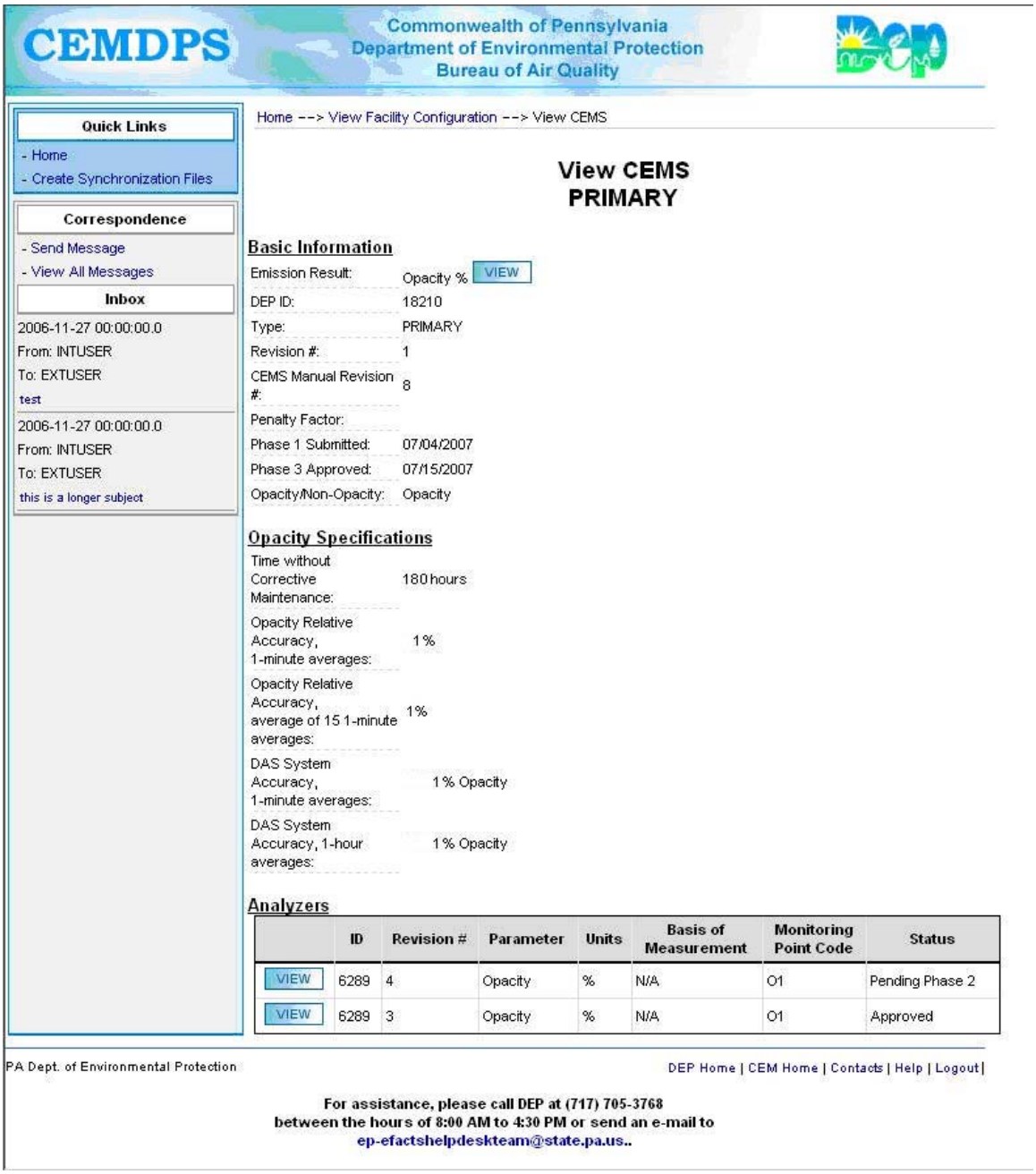
This section displays the CEMSs associated with the emission result, as shown in the following table.

Column	Description
ID	Displays the unique identifier of the CEMS.
Revision #	Displays the revision number for the CEMS. The revision number for the CEMS in the initial monitoring plan information for the CEMS should be zero (0) with the revision number incremented whenever the monitoring plan information for the CEMS is changed.
CEMS Type	Indicates whether the CEMS is the Primary CEMS, or a Backup or Standby CEMS as follows: *Primary CEMS* Only one Primary CEMS is allowed. Data from this CEMS must be reported unless they are invalid and other Standby or Backup CEMSs exist. *Standby CEMS* You may have one to 100 Standby CEMSs. CEMSs must be installed and undergoing all normal operation and quality assurance requirements. Data from Standby CEMSs may be used if the data from the Primary CEMS are invalid. Data from Standby CEMSs must be used from the first Standby CEMS with valid data in number order from lowest to highest. *Backup CEMS* You may have one to 100 Backup CEMSs. Backup CEMSs are installed only when needed. Quality assurance checks must be conducted prior to use of data from Backup CEMSs. Data from Backup CEMSs may be used if the data from the Primary CEMS and all -- if any -- Standby CEMSs are invalid. Data from Backup CEMSs must be used from the first Backup CEMS with valid data in number order from lowest to highest.
Status	Displays the current status of the CEMS.
Phase 1 Submitted	Indicates the date on which the CEMS was submitted for Phase 1 approval.
Phase 3 Approved	Indicates the date on which the CEMS received Phase 3 approval.

Button	Description
VIEW	Clicking VIEW next to a CEMS displays the *View CEMS* page, which contains detailed information about the CEMS.

View CEMS

The *View CEMS* page displays detailed information about a CEMS for an emission result at a facility. From this page, you can also view details about the emission result and the analyzers associated with the CEMS. Information about the structure and options available on this page appear in the following sections.



Basic Information

The Basic Information section contains the following information about the CEMS:

Field Label	Description
Emission Result	Displays the emission result with which the CEMS is associated.
DEP ID	Displays the unique DEP identifier of the CEMS.
Type	Indicates whether the CEMS is the Primary CEMS, or a Backup or Standby CEMS as follows: *Primary CEMS* Only one Primary CEMS is allowed. Data from this CEMS must be reported unless they are invalid and other Standby or Backup CEMSs exist. *Standby CEMS* You may have one to 100 Standby CEMSs. CEMSs must be installed and undergoing all normal operation and quality assurance requirements. Data from Standby CEMSs may be used if the data from the Primary CEMS are invalid. Data from Standby CEMSs must be used from the first Standby CEMS with valid data in number order from lowest to highest. *Backup CEMS* You may have one to 100 Backup CEMSs. Backup CEMSs are installed only when needed. Quality assurance checks must be conducted prior to use of data from Backup CEMSs. Data from Backup CEMSs may be used if the data from the Primary CEMS and all -- if any -- Standby CEMSs are invalid. Data from Backup CEMSs must be used from the first Backup CEMS with valid data in number order from lowest to highest.
Revision #	Displays the revision number for the CEMS. The revision number for the CEMS in the initial monitoring plan information for the CEMS should be zero (0) with the revision number incremented whenever the monitoring plan information for the CEMS is changed.
CEMS Manual Revision #	Displays the CEM Manual Revision Number under which the CEMS was obtained or is requesting approval.
Penalty Factor	Displays the penalty factor for the CEMS.
Phase 1 Submitted	Indicates the date on which the CEMS was submitted for Phase 1 approval.
Phase 3 Approved	Indicates the date on which the CEMS received Phase 3 approval.
Opacity/Non-Opacity	Indicates whether the CEMS is opacity or non-opacity.

Button	Description
VIEW	Clicking this button opens the *View Emission Result* page with more detailed information about the emission result.

Analyzers

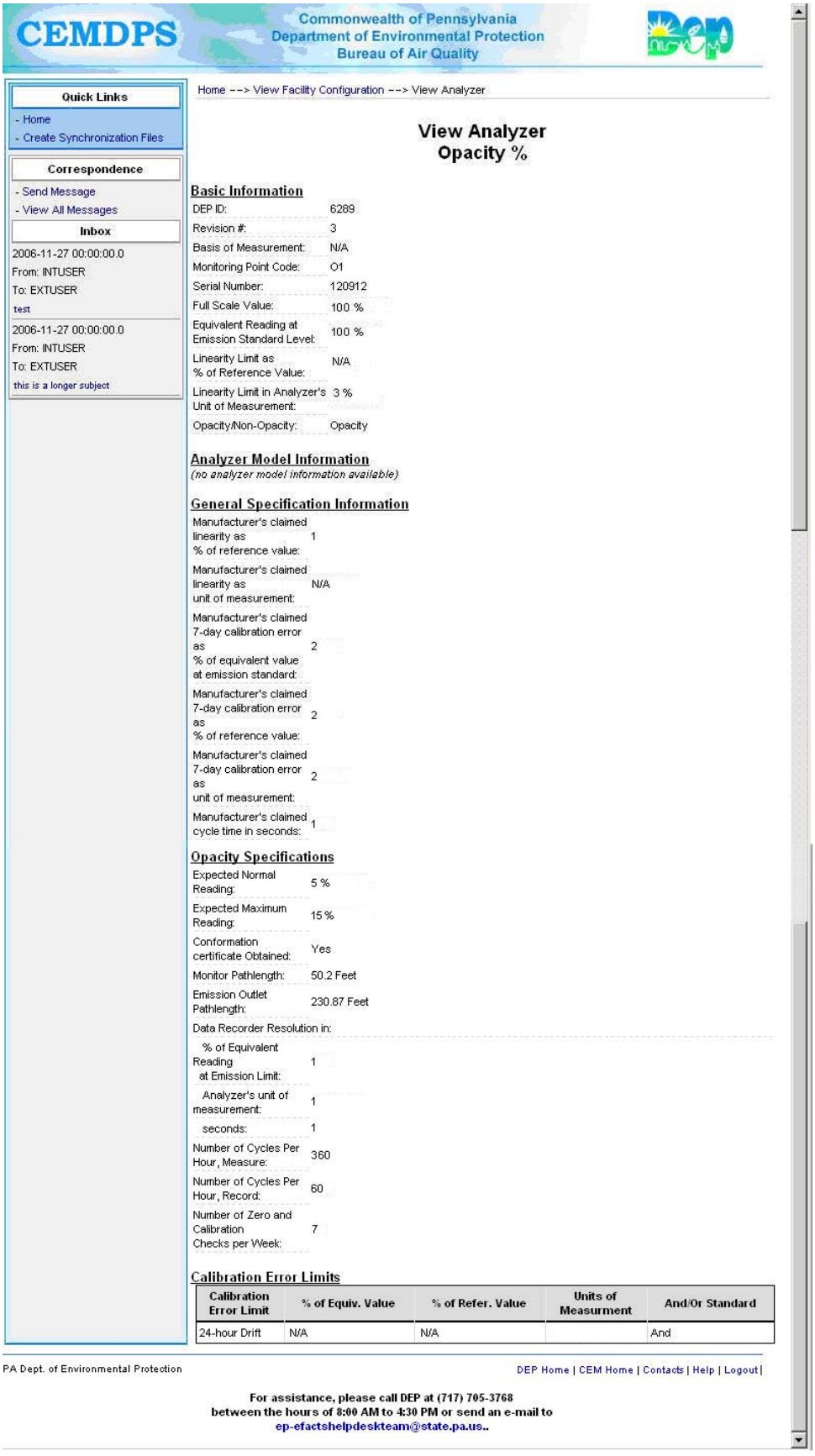
This sections displays information about the analyzers associated with the CEMS, as described in the following table.

<table>
<tr><th>Column</th><th>Description</th></tr>
<tr><td>ID</td><td>Displays the unique identifier for the analyzer.</td></tr>
<tr><td>Revision #</td><td>Displays the revision number for the analyzer. The revision number for the analyzer in the initial monitoring plan information for the analyzer should be zero (0) with the revision number incremented whenever the monitoring plan information for the analyzer is changed.</td></tr>
<tr><td>Parameter</td><td>Displays the Parameter/Pollutant for the analyzer. Examples of possible values are:
<table>
<tr><td>CE</td><td>CO</td><td>C02</td><td>Culm Gas %</td></tr>
<tr><td>Flow</td><td>Fuel Rate</td><td>H2O</td><td>H2S</td></tr>
<tr><td>HC</td><td>HCl</td><td>HCl Reduction</td><td>Heat Input</td></tr>
<tr><td>NO</td><td>NO2</td><td>NOx</td><td>NOx Allowable</td></tr>
<tr><td>O2</td><td>Opacity</td><td>Pressure</td><td>SO2</td></tr>
<tr><td>SO2 Allowable</td><td>SO2 Reduction</td><td>Steam Flow</td><td>Temperature</td></tr>
<tr><td>TRS</td><td>VCM</td><td>VOC</td><td></td></tr>
</table></td></tr>
<tr><td>Units</td><td>Displays the units of measurement for the analyzer. Examples of possible values are:
<table>
<tr><td>%</td><td>Btu/hr</td><td>cfh</td><td>Cfm</td></tr>
<tr><td>Degrees F</td><td>gph</td><td>gpm</td><td>lbs/hr</td></tr>
<tr><td>lbs/Mbtu</td><td>lbs/ton</td><td>Mbtu/hr</td><td>Mcfh</td></tr>
<tr><td>ppm</td><td>psi</td><td></td><td></td></tr>
</table></td></tr>
<tr><td>Basis of Measurement</td><td>Displays the basis of measurement for the analyzer. Examples of possible values are:
Wet
Dry
N/A</td></tr>
<tr><td>Monitoring Point Code</td><td>Displays the monitoring point code for the analyzer. Examples of possible values are:
For outlet, displays letter O followed by numeral to uniquely identify analyzer
For inlet, displays letter I followed by numeral to uniquely identify analyzer
For Primary Temperature, displays letter P followed by numeral to uniquely identify analyzer
For Secondary Temperature, displays letter S followed by numeral to uniquely identify analyzer</td></tr>
<tr><td>Status</td><td>Displays the current status of the analyzer.</td></tr>
</table>

Button	Description
VIEW	Clicking VIEW opens the *View Analyzer* page with more detailed information about the analyzer.

View Analyzer

The *View Analyzer* page displays detailed information about an analyzer for a CEMS. Information about the structure and options available on this page appear in the following sections.



CEMDPS
Commonwealth of Pennsylvania
Department of Environmental Protection
Bureau of Air Quality

Quick Links
- Home
- Create Synchronization Files

Correspondence
- Send Message
- View All Messages

Inbox
2006-11-27 00:00:00.0
From: INTUSER
To: EXTUSER
test

2006-11-27 00:00:00.0
From: INTUSER
To: EXTUSER
this is a longer subject

Home --> View Facility Configuration --> View Analyzer

View Analyzer
Opacity %

Basic Information

DEP ID:	6289
Revision #:	3
Basis of Measurement:	N/A
Monitoring Point Code:	O1
Serial Number:	120912
Full Scale Value:	100 %
Equivalent Reading at Emission Standard Level:	100 %
Linearity Limit as % of Reference Value:	N/A
Linearity Limit in Analyzer's Unit of Measurement:	3 %
Opacity/Non-Opacity:	Opacity

Analyzer Model Information
(no analyzer model information available)

General Specification Information

Manufacturer's claimed linearity as % of reference value:	1
Manufacturer's claimed linearity as unit of measurement:	N/A
Manufacturer's claimed 7-day calibration error as % of equivalent value at emission standard:	2
Manufacturer's claimed 7-day calibration error as % of reference value:	2
Manufacturer's claimed 7-day calibration error as unit of measurement:	2
Manufacturer's claimed cycle time in seconds:	1

Opacity Specifications

Expected Normal Reading:	5 %
Expected Maximum Reading:	15 %
Conformation certificate Obtained:	Yes
Monitor Pathlength:	50.2 Feet
Emission Outlet Pathlength:	230.87 Feet
Data Recorder Resolution in:	
% of Equivalent Reading at Emission Limit:	1
Analyzer's unit of measurement:	1
seconds:	1
Number of Cycles Per Hour, Measure:	360
Number of Cycles Per Hour, Record:	60
Number of Zero and Calibration Checks per Week:	7

Calibration Error Limits

Calibration Error Limit	% of Equiv. Value	% of Refer. Value	Units of Measurment	And/Or Standard
24-hour Drift	N/A	N/A		And

PA Dept. of Environmental Protection
DEP Home | CEM Home | Contacts | Help | Logout |

For assistance, please call DEP at (717) 705-3768
between the hours of 8:00 AM to 4:30 PM or send an e-mail to
ep-efactshelpdeskteam@state.pa.us..

Basic Information

The Basic Information sections presents the following information about the analyzer:

Field Label	Description
DEP ID	Displays the unique DEP identifier for the analyzer.
Revision #	Displays the revision number for the analyzer. The revision number for the analyzer in the initial monitoring plan information for the analyzer should be zero (0) with the revision number incremented whenever the monitoring plan information for the analyzer is changed.
Basis of Measurement	Displays the basis of measurement for the analyzer. Examples of possible values are: • Wet • Dry • N/A
Monitoring Point Code	Displays the monitoring point code for the analyzer. Examples of possible values are: • For outlet, displays letter O followed by numeral to uniquely identify analyzer • For inlet, displays letter I followed by numeral to uniquely identify analyzer • For Primary Temperature, displays letter P followed by numeral to uniquely identify analyzer • For Secondary Temperature, displays letter S followed by numeral to uniquely identify analyzer
Serial Number	Displays the serial number for the analyzer. If the actual analyzer has not yet been received, this field is blank.
Full Scale Value	Displays the full scale value for the analyzer in units of analyzer measurement.
Equivalent Reading at Emission Standard Level	Displays the equivalent reading at emission level for the analyzer at the lowest applicable emission standard. Determination of this value is explained in the Continuous Source Monitoring Manual.
Linearity Limit as % of Reference Value	Displays the linearity limit as % of reference value for the analyzer.
Linearity Limit in Analyzer's Unit of Measurement	Displays the linearity limit in units of measurement for the analyzer.
Opacity/Non-Opacity	Indicates whether the analyzer is opacity or non-opacity.

Analyzer Model Information

This section contains model information for the analyzer as follows:

Field Label	Description
Manufacturer	Displays the manufacturer name for the analyzer.

<table>
<tr><th>Field Label</th><th>Description</th></tr>
<tr><td>Description</td><td>Displays the model description of the analyzer.</td></tr>
<tr><td>Analytical Technique</td><td>Displays the analytical technique for the analyzer. Examples of possible values are:
<table>
<tr><td>2nd Derivative UV</td><td>Chemiluminescence</td><td>Coulometric Titration</td></tr>
<tr><td>Differential Pressure</td><td>Diffusion/absorption</td><td>Double Pass Transmissometry</td></tr>
<tr><td>Electrochemical Cell</td><td>Fluorescence</td><td>Fuel Cell</td></tr>
<tr><td>Fuel Sampling</td><td>GC</td><td>Ion Mobility Spectrometry</td></tr>
<tr><td>IRGFC</td><td>Lead Acetate Tape</td><td>NA</td></tr>
<tr><td>NDIR</td><td>NDUV</td><td>Orifice Plate</td></tr>
<tr><td>Paramagnetic</td><td>Single Pass Transmissometry</td><td>Thermal Mass Flow</td></tr>
<tr><td>Thermocouple</td><td>Ultrasonic</td><td>UV Diode Array</td></tr>
<tr><td>Vortex Flowmeter</td><td>Wheel Meter</td><td></td></tr>
</table></td></tr>
<tr><td>Sample Interface Technique</td><td>Displays the sample interface technique for the analyzer. Examples of possible values are:

• Extractive
• Dilution Extractive
• In-situ
• Dilution In-situ
• Not Applicable</td></tr>
</table>

General Specification Information

The General Specification Information section provides an overall description of the analyzer.

Calibration Error Limits

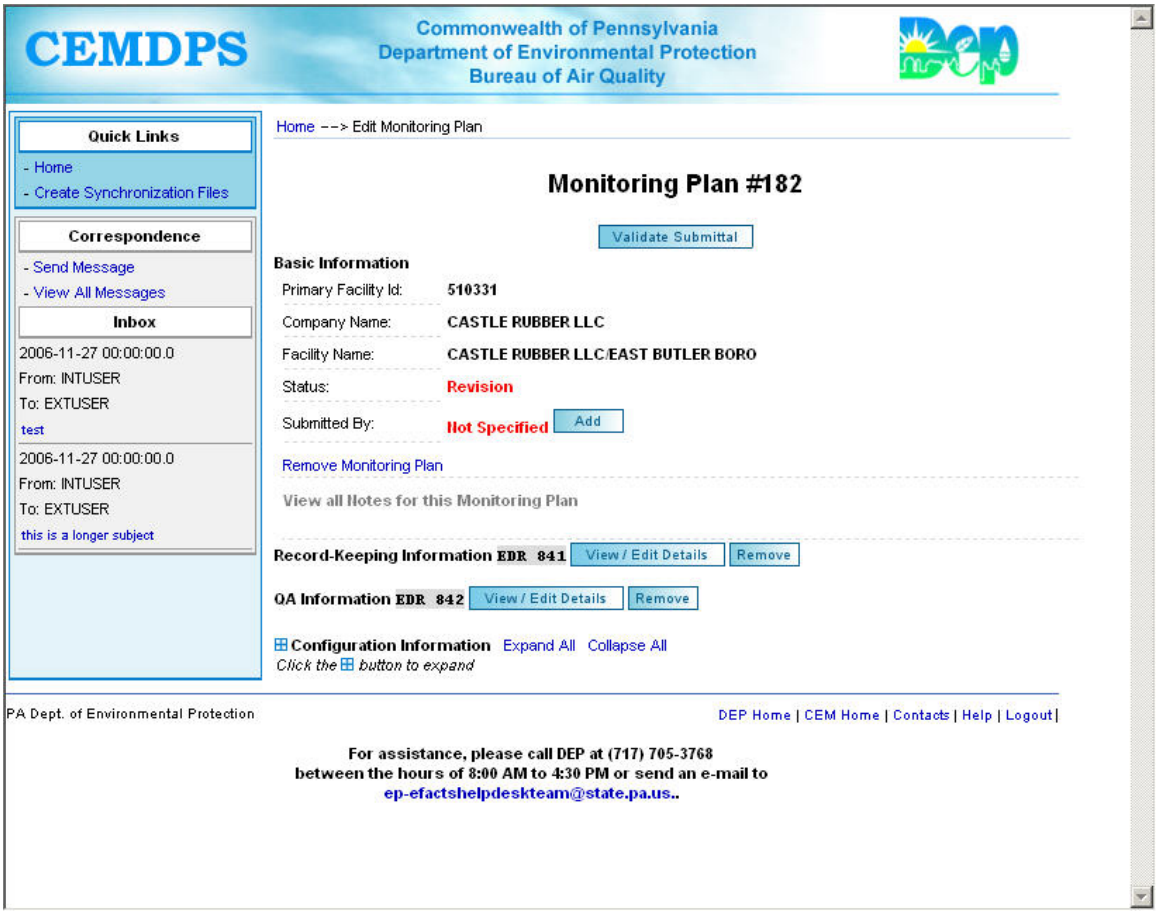
This section describes the calibration error limits for the analyzer, as shown in the following table.

Column	Description
Calibration Error Limit	Displays the calibration error limit for the analyzer.
% of Equiv. Value	Displays the Calibration Error Limit Value - % of Equiv. Value (as specified in the Continuous Source Monitoring Manual).
% of Refer. Value	Displays the Calibration Error Limit Value - % of Refer. Value (as specified in the Continuous Source Monitoring Manual).
Units of Measurement	Displays the Calibration Error Limit Value - Units of Measurement (as specified in the Continuous Source Monitoring Manual).
And/Or Standard	Displays *And*, since currently all calibration error standards are "And'd".

Monitoring Plans

Monitoring Plan Page

The *Monitoring Plan* page displays basic information about your facility's monitoring plan and its source combinations, emission results, CEMSs, and analyzers. You can also add and make changes to source combinations, emission results, CEMSs, and analyzers from this page. Descriptions of the *Monitoring Plan* page's structure and options appear below.



Basic Information

The Basic Information section displays four pieces of information associated with the monitoring plan as follows:

Field Label	Description
Primary Facility Id	Displays the facility ID for which the monitoring plan is being submitted.
Company Name	Displays the name of the company associated with the monitoring plan.

<table>
<tr><th>Field Label</th><th>Description</th></tr>
<tr><td>Facility Name</td><td>Displays the name of the facility associated with the monitoring plan.</td></tr>
<tr><td>Status</td><td>Displays the status of the monitoring plan as follows:
<table>
<tr><th>Status</th><th>Description</th></tr>
<tr><td>Initiated</td><td>A monitoring plan is considered Initiated if you have begun entering data for your monitoring plan but have not yet submitted the information for DEP review. Only facility users may work with the submittal package while it has this status.</td></tr>
<tr><td>Submitted</td><td>A monitoring plan is considered Submitted if you have submitted your monitoring plan information for DEP review. Only DEP reviewers and approvers may work with the submitted data when the monitoring plan has this status. You will be able to view the information, but not change it.</td></tr>
<tr><td>Submitted (Partial Submittal)</td><td>This status is similar to the Submitted status, but is used to identify a partial submittal. Partial Submittals normally occur with quarterly reports.</td></tr>
<tr><td>Review</td><td>Once you submit your monitoring plan, the status changes to Review as DEP reviewers examine your submittal.</td></tr>
<tr><td>Revision</td><td>If DEP reviewers find issues with a submittal, they may reject it and request that data be changed or verified by the facility. In this instance, the monitoring plan is given the status of Revision, and you may revise the information and resubmit the plan. Only facility users may work with the monitoring plan information while it has this status.</td></tr>
<tr><td>Review Complete</td><td>After reviewers evaluate and render a decision on the monitoring plan submission, they move the monitoring plan into Review Complete status. At this point, the submission is waiting for a DEP approver to login and verify the reviewer's decision. No one can change the monitoring plan submission through the CEMDPS application while it has this status. Approvers automatically receive an email notification indicating that a reviewed submission is awaiting their approval.</td></tr>
<tr><td>Approved</td><td>This is the final status of a submission. This status indicates that an approver approved the decision made by a reviewer. When the submission enters Approved status, you, and other defined users at your facility, automatically receive an email notification from the CEMDPS. No one may change the monitoring plan data through the CEMDPS once it reaches this status. Facility users and DEP approvers and reviewers may still view the monitoring plan information through the PDF file.</td></tr>
</table>
</td></tr>
</table>

Field Label	Description
	Hold: A reviewer or approver may place the monitoring plan submission in Hold status. The Hold status remains until the submission is reassigned.
Submitted By	Displays the name of the person who submitted the monitoring plan. The EDIT button allows you to edit the submitter information. See the *Create/Edit Submitter Information* page for details..

The Remove Monitoring Plan Link

The Remove Monitoring Plan link lets you delete the monitoring plan. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

The View all Notes for this Monitoring Plan Link

The View all Notes for this Monitoring Plan Link opens the *View Notes* page and allows you to view all notes associated with the components of the monitoring plan.

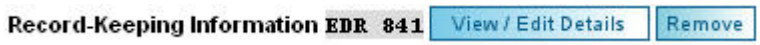
Note: The View all Notes for this Monitoring Plan link is available only in the online CEMDPS application.

Navigating the Monitoring Plan Page

The *Monitoring Plan* page contains three sections, Record-Keeping Information, QA Information, and Configuration Information. Descriptions of the information and options available under each of the main sections (Record-Keeping Information, QA Information, and Configuration Information) follow in the sections below.

Record-Keeping Information

The Record-Keeping Information section displays two buttons that allow you to view, edit, or remove record-keeping (EDR 841) information about the monitoring plan.



- To view or change record-keeping information (EDR 841), click the VIEW/EDIT DETAILS button to go to the *Record Keeping Information* page.
- To remove all record-keeping information (EDR 841), click the REMOVE button. (The REMOVE button only displays when record-keeping information already exists for monitoring plan.)

Note: The only time you may change information in the monitoring plan is when the status (indicated in the Basic Information section at the top of the page) is Initiated or Revised. At all other times, you may only view monitoring plan information.

QA Information

The QA Information section displays two buttons that allow you to view, edit, or remove QA (EDR 842) information about the monitoring plan.



- To change QA information (EDR 842), click the VIEW/EDIT DETAILS button to go to the *Monitoring Plan QA Information* page.
- To remove all QA information (EDR 842), click the REMOVE button. (The REMOVE button only displays when QA information already exists for monitoring plan.)

Note: The only time you may change information in the monitoring plan is when the status (indicated in the Basic Information section at the top of the page) is Initiated or Revised. At all other times, you may only view monitoring plan information.

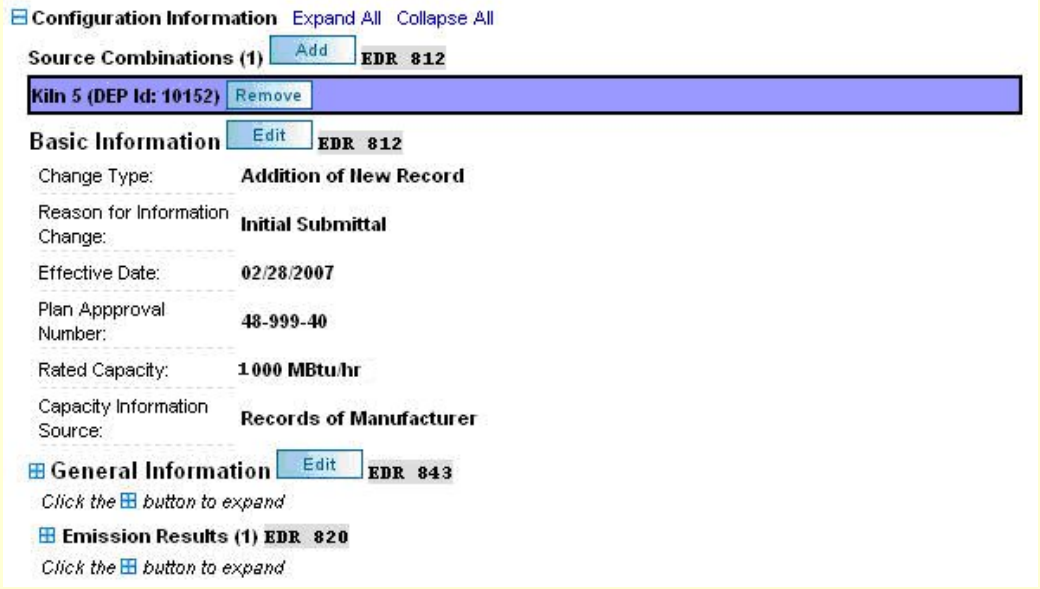
Configuration Information

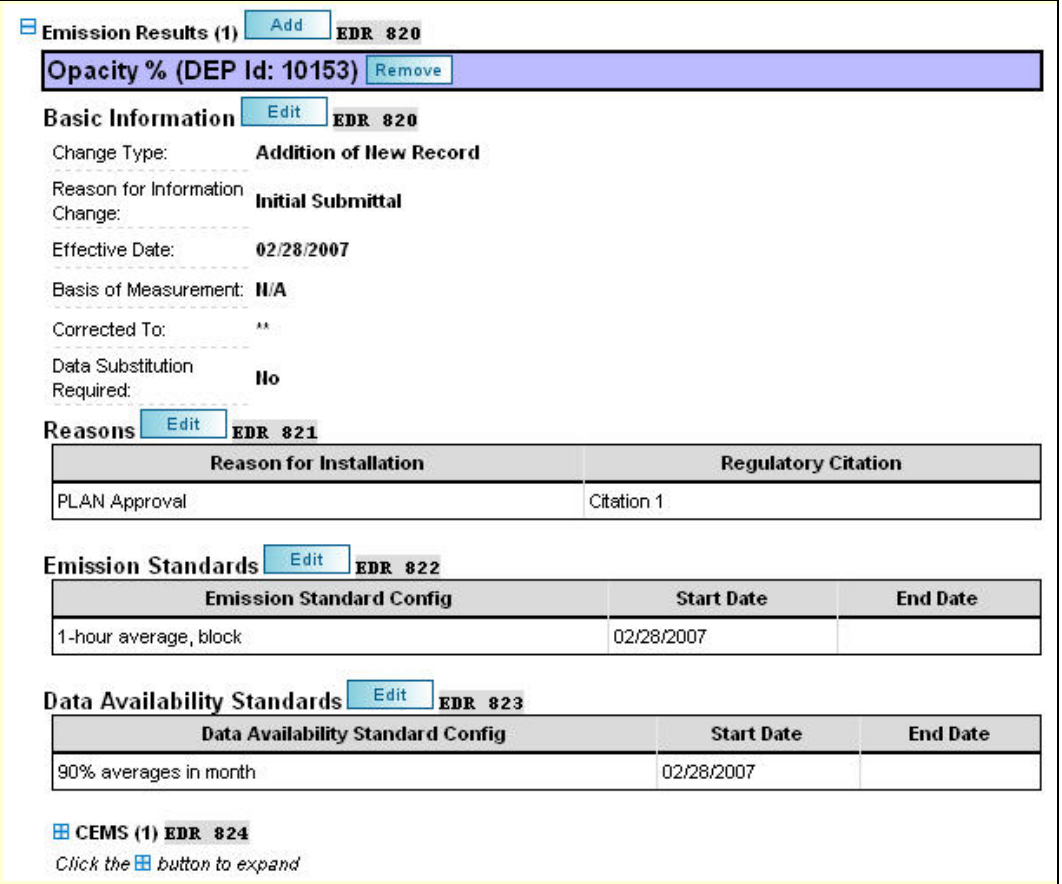
The Configuration Information section is organized in a hierarchy that shows source combinations associated with the monitoring plan, emission results associated with source combinations, CEMSs associated with emission results, and analyzers associated with CEMSs. Using the expand (+) and collapse (-) symbols, you can display or hide the hierarchical information.

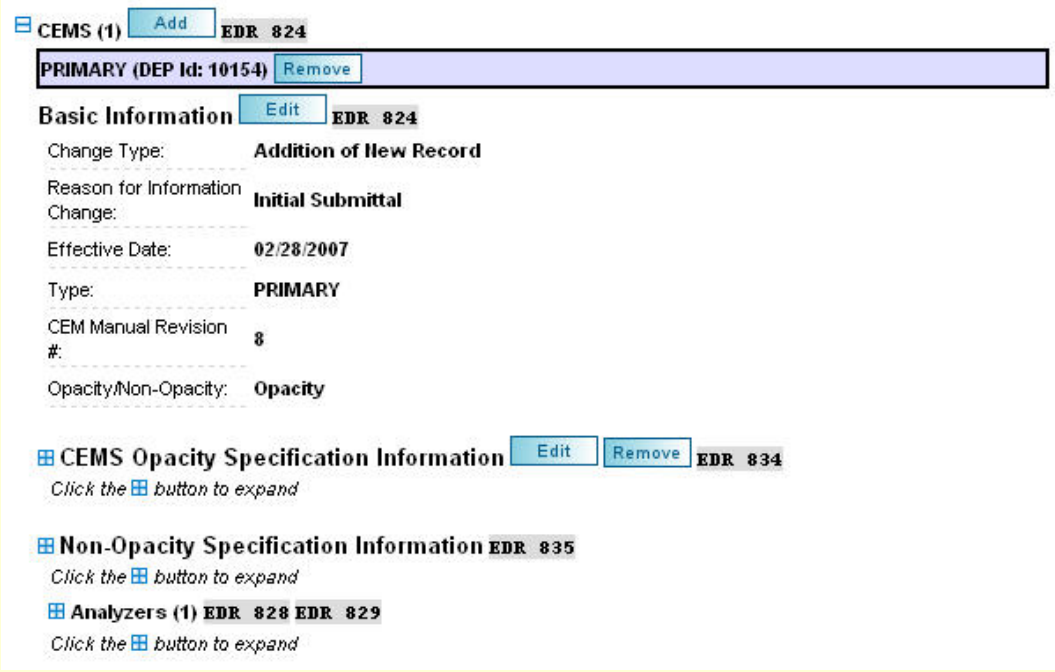
- Click the plus sign (+) in front of any heading to view more detailed information about that section or to access more options. Information and available options display indented beneath the heading expanded.
- Click the minus sign (-) in front of any heading to collapse (hide) the details displayed beneath it.
- Click the Expand All link to display all information and options beneath all headings at once.
- Click the Collapse All link to collapse the entire hierarchy of information, hiding all details except for the three main headings.

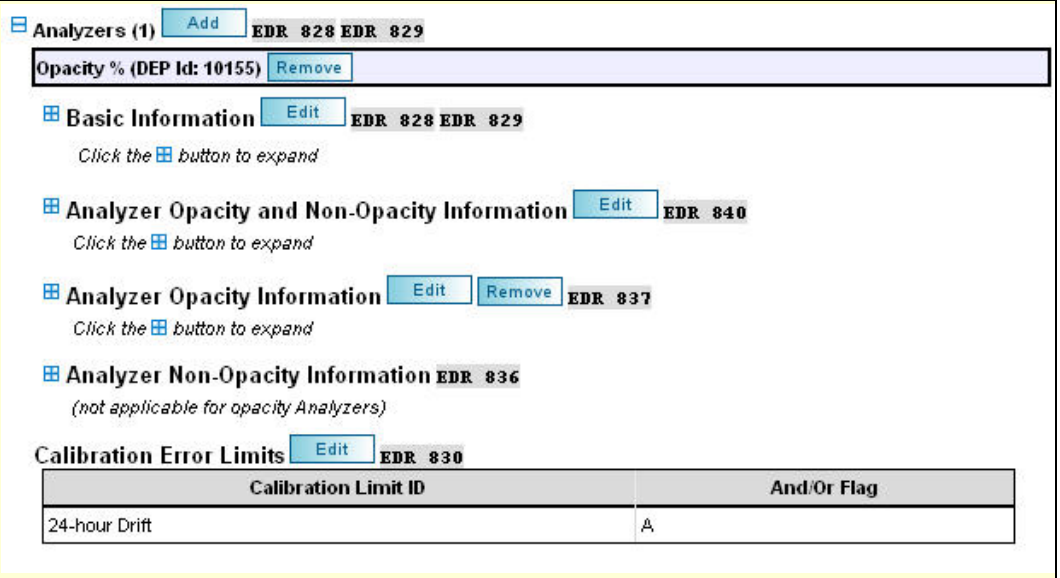
The following table describes the information and options available at each level of the hierarchy in the Configuration Information section.

Hierarchy Level	Description
Source Combinations	When you expand (+) the Configuration Information heading, a list of source combinations and their related summary information and options display.

Hierarchy Level	Description
	 Each source combination name and ID displays highlighted in purple with a Basic Information section summarizing the combination. You have the option to expand (+) the General Information section, which displays general source combination information based on EDR 843, for more details. For more information, see Edit General Monitoring Plan Information (EDR 843). The Emission Results section shows in parentheses the number of emission results associated with that source combination. You can also expand (+) the Emission Results section to see the emission results defined for the source combination. Click ADD to create a new source combination or click REMOVE to remove a source combination from the monitoring plan. To change Basic Information or General Information, click EDIT next to the appropriate section heading. Where applicable, EDRs are indicated for your reference.
Emission Results	When you expand (+) the Emission Results heading under a source combination, a list of emission results for that combination displays.

Hierarchy Level	Description
	 Each emission result name and ID displays highlighted in purple with Basic Information, Reasons, Emission Standards, and Data Availability Standards sections summarizing the emission result. The CEMS section shows in parentheses the number of CEMS associated with that emission result. You can also expand (+) the CEMS section to see the CEMS defined for the emission result. **Tip:** As you expand sections to move deeper into the hierarchy, the purple highlighting for each entity name becomes lighter. For example, the source combination names are the darkest purple, emission results names are slightly lighter purple, etc. These color variations are intended to help you remember where you are as you navigate the hierarchy. Click ADD to create a new emission result or click REMOVE to remove an emission result from the source combination. To change Basic Information, Reasons, Emission Standards, or Data Availability Standards, click EDIT next to the appropriate section heading. Where applicable, EDRs are indicated for your reference.
CEMS	When you expand (+) the CEMS heading under an emission result, a list of CEMS for that emission result displays.

Hierarchy Level	Description
	 Each primary, backup, and standby CEMS name and ID displays highlighted in purple with Basic Information, CEMS Opacity Specification Information, Non-Opacity Specification Information, and Analyzers sections summarizing the CEMS. The Analyzers section shows in parentheses the number of analyzers associated with that CEMS. You can also expand (+) the Analyzers section to see the analyzers defined for the CEMS. **Tip:** As you expand sections to move deeper into the hierarchy, the purple highlighting for each entity name becomes lighter. For example, the source combination names are the darkest purple, emission results names are slightly lighter purple, etc. These color variations are intended to help you remember where you are as you navigate the hierarchy. Click ADD to create a new CEMS or click REMOVE to remove a CEMS from the emission result. To change Basic Information, CEMS Opacity Specification Information, or Non-Opacity Specification Information, click EDIT next to the appropriate section heading. Where applicable, EDRs are indicated for your reference.
Analyzers	When you expand (+) the Analyzers heading under a CEMS, a list of analyzers for that CEMS displays.

Hierarchy Level	Description
	 Each analyzer name and ID displays highlighted in purple with Basic Information, Analyzer Opacity and Non-Opacity Information, Analyzer Opacity Information, Analyzer Non-Opacity Information, and Calibration Error Limits sections summarizing the CEMS. You can expand (+) each of these sections for further information. **Tip:** As you expand sections to move deeper into the hierarchy, the purple highlighting for each entity name becomes lighter. For example, the source combination names are the darkest purple, emission results names are slightly lighter purple, etc. These color variations are intended to help you remember where you are as you navigate the hierarchy. Click ADD to create a new Analyzer or click REMOVE to remove an analyzer from the CEMS. To change Basic Information, Analyzer Opacity and Non-Opacity Information, Analyzer Opacity Information, Analyzer Non-Opacity Information, or Calibration Error Limits, click EDIT next to the appropriate section heading. Where applicable, EDRs are indicated for your reference.

The VALIDATE SUBMITTAL Button

The DEP requires monitoring plan data fields to be submitted in specific formats, which are indicated where applicable in the CEMDPS pages, and to follow business rules outlined in the current Continuous Source Monitoring Manual (CSMM). At the top of the *Monitoring Plan* page, click VALIDATE SUBMITTAL to have the CEMDPS check the data you entered to ensure it's in the proper format and follows CSMM business rules before you submit the plan. After the validation process, the *Monitoring Plan Submittal* page displays. This page either confirms that all data was validated or lists errors that must be addressed before submitting the monitoring plan. Please see *Monitoring Plan Submittal Page* for more information.

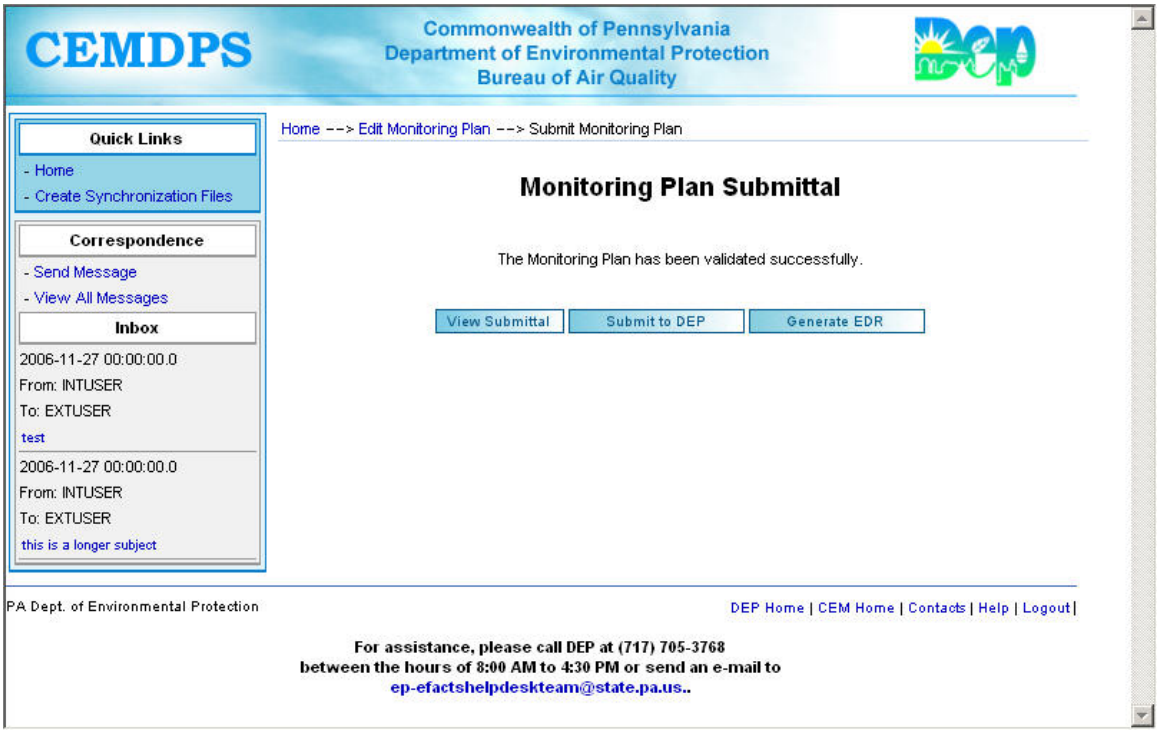
Monitoring Plan Submittal Page

The *Monitoring Plan Submittal* page displays when you click the VALIDATE SUBMITTAL button in the *Monitoring Plan* page to validate data before submitting your plan. Depending on the validity of the data you entered, the *Monitoring Plan Submittal* page displays two types of information as follows:

- **Successful Validation:** If all monitoring plan data is entered correctly, the *Monitoring Plan Submittal* page displays a confirmation that all monitoring plan information is valid for submission.
- **List of Errors:** If there is data that fails to meet formatting or business rules for a monitoring plan submittal, the *Monitoring Plan Submittal* page displays a list of the errors for you to correct before submitting the monitoring plan. The submittal page indicates the nature of the error (missing data, invalid value, etc.), the element of the plan containing the error (CEMS, Analyzer, etc.), and if applicable, the field containing invalid data.

Successful Validation

If all data in your monitoring plan is entered correctly, the *Monitoring Plan Submittal* page displays a confirmation that all monitoring plan information is valid for submission.



Note: A confirmation that all monitoring plan data has been validated successfully does ***not*** indicate that the monitoring plan has been submitted to the DEP. It just confirms that all required data is entered, that the data entered is formatted correctly, and that the data follows appropriate business rules in preparation for submittal.

The VIEW SUBMITTAL Button
If your monitoring plan information is validated, the VIEW SUBMITTAL button displays. Clicking this button allows you to view or save a document in PDF format that contains all monitoring plan information to be submitted to the DEP.

Note: You must have Adobe® Acrobat in order to view the PDF document generated from the VIEW SUBMITTAL button.

The SUBMIT TO DEP Button
If your monitoring plan information is validated, the SUBMIT TO DEP button displays. Clicking this button submits your monitoring plan to the DEP for review. When your monitoring plan is submitted, the *Monitoring Plan Submittal* page displays a message confirming that your monitoring plan was submitted. The BACK TO HOME PAGE button returns you to the facility home page.

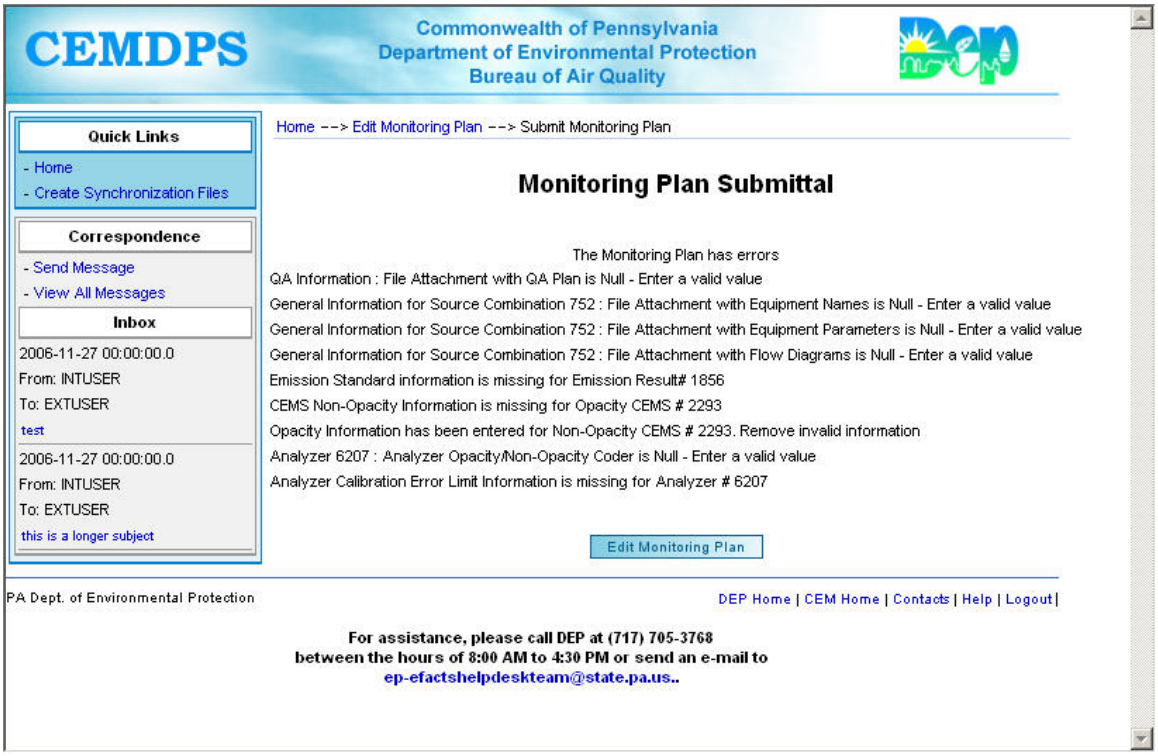
Note: The SUBMIT TO DEP button displays only for users working in the online CEMDPS. Users working in the disconnected client application must click GENERATE EDR to create an EDR text file and upload it from the *Facility Home Page* in the online CEMDPS application.

The GENERATE EDR Button
If your monitoring plan information is validated, the GENERATE EDR button displays. Clicking this button allows you to view or save a text file containing all EDR information for the monitoring plan submittal.

Note: Users working in the disconnected client application should use the GENERATE EDR to create an EDR text file, then upload the EDR file into the online CEMDPS from the *Facility Home Page* in the online application.

List of Errors

If there is data that fails to meet formatting or business rules for a monitoring plan submittal, the *Monitoring Plan Submittal* page displays a list of the errors for you to correct before submitting the monitoring plan. The submittal page indicates the nature of the error (missing data, invalid value, etc.), the element of the plan containing the error (CEMS, Analyzer, etc.), and if applicable, the field containing invalid data.



The EDIT MONITORING PLAN Button

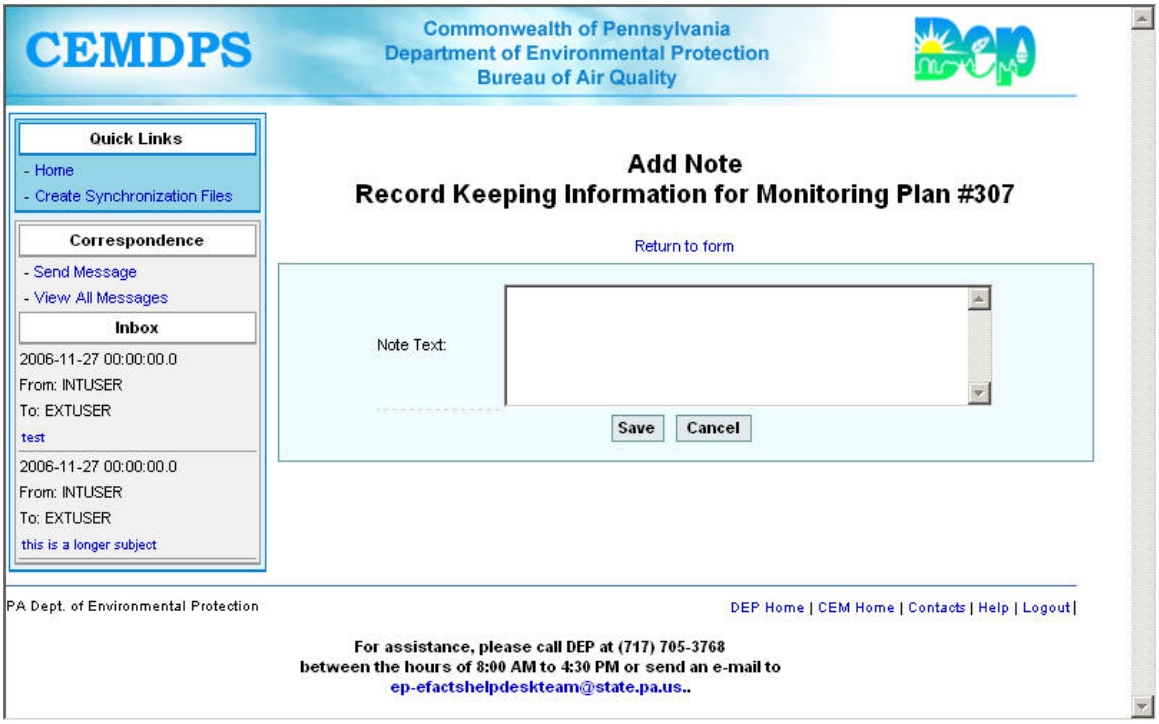
If the *Monitoring Plan Submittal* page lists errors with your monitoring plan data, the EDIT MONITORING PLAN button appears at the bottom of the page. Clicking this button returns you to the *Monitoring Plan* page, allowing you to correct the errors and validate the submittal again.

Add Note Page

The *Add Note* page allows you to include a note along with the other information entered about a component of a monitoring plan, test protocol, or certification/test report. For example, you might add an explanatory note about an emission result in your monitoring plan. DEP reviewers and approvers can view these notes along with your submittals.

Note: This page is available only in the online CEMDPS application. Users in the disconnected CEMDPS application do not have access to this page.

To add a note, follow the instructions for each field, as listed below.



Field Label/Link	Activity
Return to form	Clicking this link takes you back to the page from which you clicked the Add Note link.
Note Text	Enter note text in the text box provided.

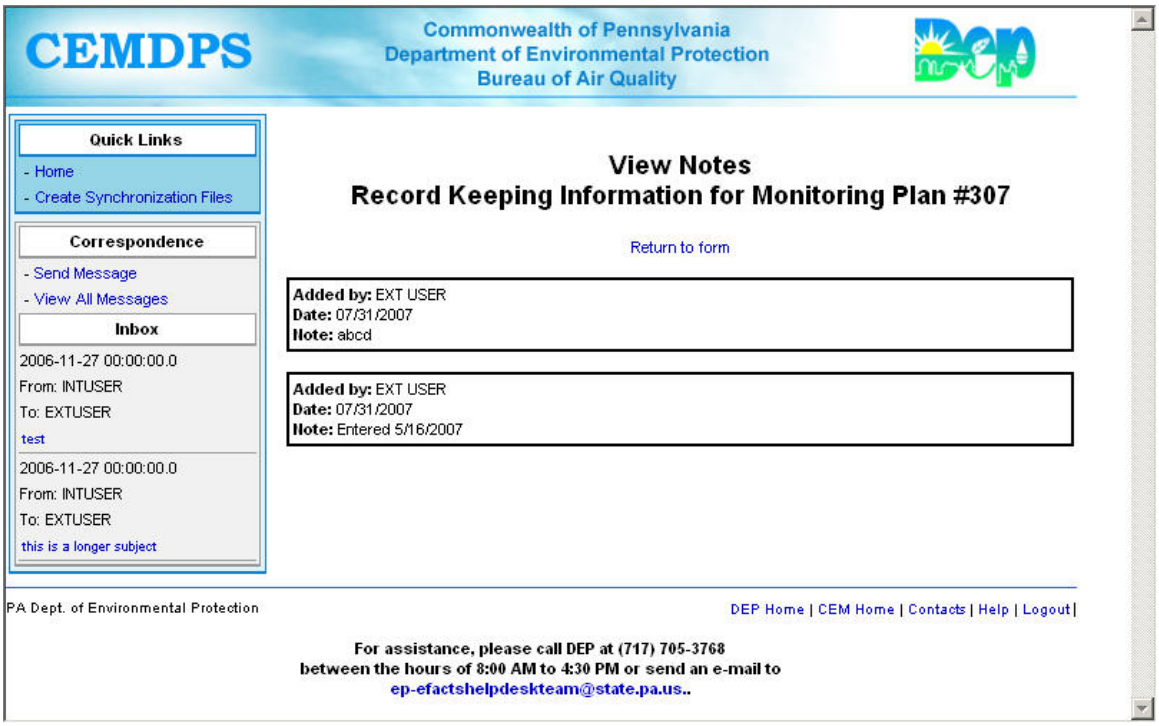
Button	Description
Save	Clicking SAVE saves the information and displays the note text in the View Notes page.
Cancel	Clicking CANCEL takes you to the View Notes page without saving changes. If there are other notes created for the item, those notes appear in the View Notes page. If there are no other notes, the View Notes page displays the text *No notes entered.*

View Notes Page

The *View Notes* page displays all notes associated with a component of a monitoring plan, test protocol, or certification/test report. You can view notes for one component, such as an emission result in a monitoring plan, or all notes for an entire submittal. (See *Monitoring Plan Page*, *Test Protocol Page*, and *Certification/Test Report Page* for information about viewing notes for entire submittals.) DEP reviewers and approvers can view notes along with your submittals.

Note: This page is available only in the online CEMDPS application. Users in the disconnected CEMDPS application do not have access to this page.

The table below describes the information displayed in the *View Notes* page and the options available.



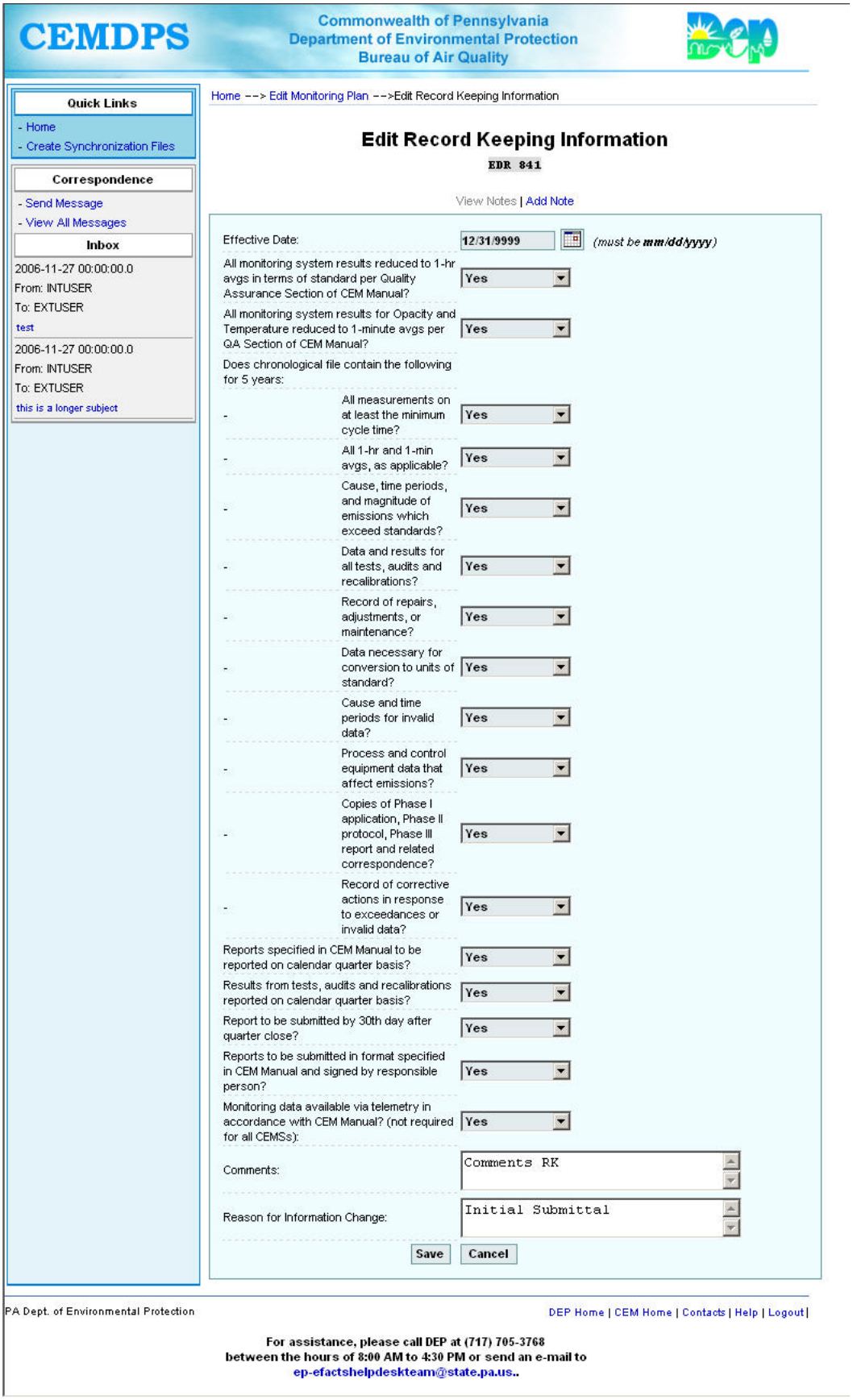
Field Label	Activity
Return to form	Clicking this link takes you back to the page containing the component or submittal for which you viewed notes.
Added by	Displays the name of the user who added the note.
Date	Displays the date on which the note was entered.
Note	Displays the note text.

Record Keeping Information

Edit Record Keeping Information (EDR 841)

The *Edit Record Keeping Information* page contains record keeping information about your monitoring plan. You must enter record keeping information with the monitoring plan for each facility.

To add or edit Record Keeping Information, follow the instructions for each field, as listed below.


CEMDPS
Commonwealth of Pennsylvania
Department of Environmental Protection
Bureau of Air Quality
Quick Links
- Home
- Create Synchronization Files
Correspondence
- Send Message
- View All Messages
Inbox
2006-11-27 00:00:00.0
From: INTUSER
To: EXTUSER
test
2006-11-27 00:00:00.0
From: INTUSER
To: EXTUSER
this is a longer subject
Home --> Edit Monitoring Plan -->Edit Record Keeping Information
Edit Record Keeping Information
EDR 841
View Notes | Add Note
Effective Date: 12/31/9999 (must be mm/dd/yyyy)
All monitoring system results reduced to 1-hr avgs in terms of standard per Quality Assurance Section of CEM Manual? Yes
All monitoring system results for Opacity and Temperature reduced to 1-minute avgs per QA Section of CEM Manual? Yes
Does chronological file contain the following for 5 years:
- All measurements on at least the minimum cycle time? Yes
- All 1-hr and 1-min avgs, as applicable? Yes
- Cause, time periods, and magnitude of emissions which exceed standards? Yes
- Data and results for all tests, audits and recalibrations? Yes
- Record of repairs, adjustments, or maintenance? Yes
- Data necessary for conversion to units of standard? Yes
- Cause and time periods for invalid data? Yes
- Process and control equipment data that affect emissions? Yes
- Copies of Phase I application, Phase II protocol, Phase III report and related correspondence? Yes
- Record of corrective actions in response to exceedances or invalid data? Yes
Reports specified in CEM Manual to be reported on calendar quarter basis? Yes
Results from tests, audits and recalibrations reported on calendar quarter basis? Yes
Report to be submitted by 30th day after quarter close? Yes
Reports to be submitted in format specified in CEM Manual and signed by responsible person? Yes
Monitoring data available via telemetry in accordance with CEM Manual? (not required for all CEMSs): Yes
Comments: Comments RK
Reason for Information Change: Initial Submittal
Save
Cancel
PA Dept. of Environmental Protection
DEP Home | CEM Home | Contacts | Help | Logout |
For assistance, please call DEP at (717) 705-3768
between the hours of 8:00 AM to 4:30 PM or send an e-mail to
ep-efactshelpdeskteam@state.pa.us..

Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this record keeping information. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this recording keeping information. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the submitted information in the format *mm/dd/yyyy* or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
All monitoring system results reduced to 1-hr avgs in terms of standard per Quality Assurance Section of CEM Manual?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
All monitoring system results for Opacity and Temperature reduced to 1-minute avgs per QA Section of CEM Manual?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
Does chronological file contain the following for 5 years?	
-All measurements on at least the minimum cycle time?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
-All 1-hr and 1-min avgs, as applicable?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
-Cause, time periods, and magnitude of emissions which exceed standards?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
-Data and results for all tests, audits and recalibrations?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
-Record of repairs, adjustments, or maintenance?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
-Data necessary for conversion to units of standard?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
-Cause and time periods for invalid data?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
-Process and control equipment data that affect emissions?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
-Copies of Phase I application, Phase II protocol, Phase III report and related correspondence?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
-Record of corrective actions in response to exceedances or	From the drop-down list, choose *Yes, No,* or *Not Applicable.*

Field Label/Link	Activity
invalid data?	
Reports specified in CEM Manual to be reported on calendar quarter basis?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
Results from tests, audits and recalibrations reported on calendar quarter basis?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
Report to be submitted by 30th day after quarter close?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
Reports to be submitted in format specified in CEM Manual and signed by responsible person?	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
Monitoring data available via telemetry in accordance with CEM Manual? (not required for all CEMSs):	From the drop-down list, choose *Yes, No,* or *Not Applicable.*
Comments	Enter up to 160 characters of comments, as necessary.
Reason for Information Change	Enter a reason for the information change up to 50 characters.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

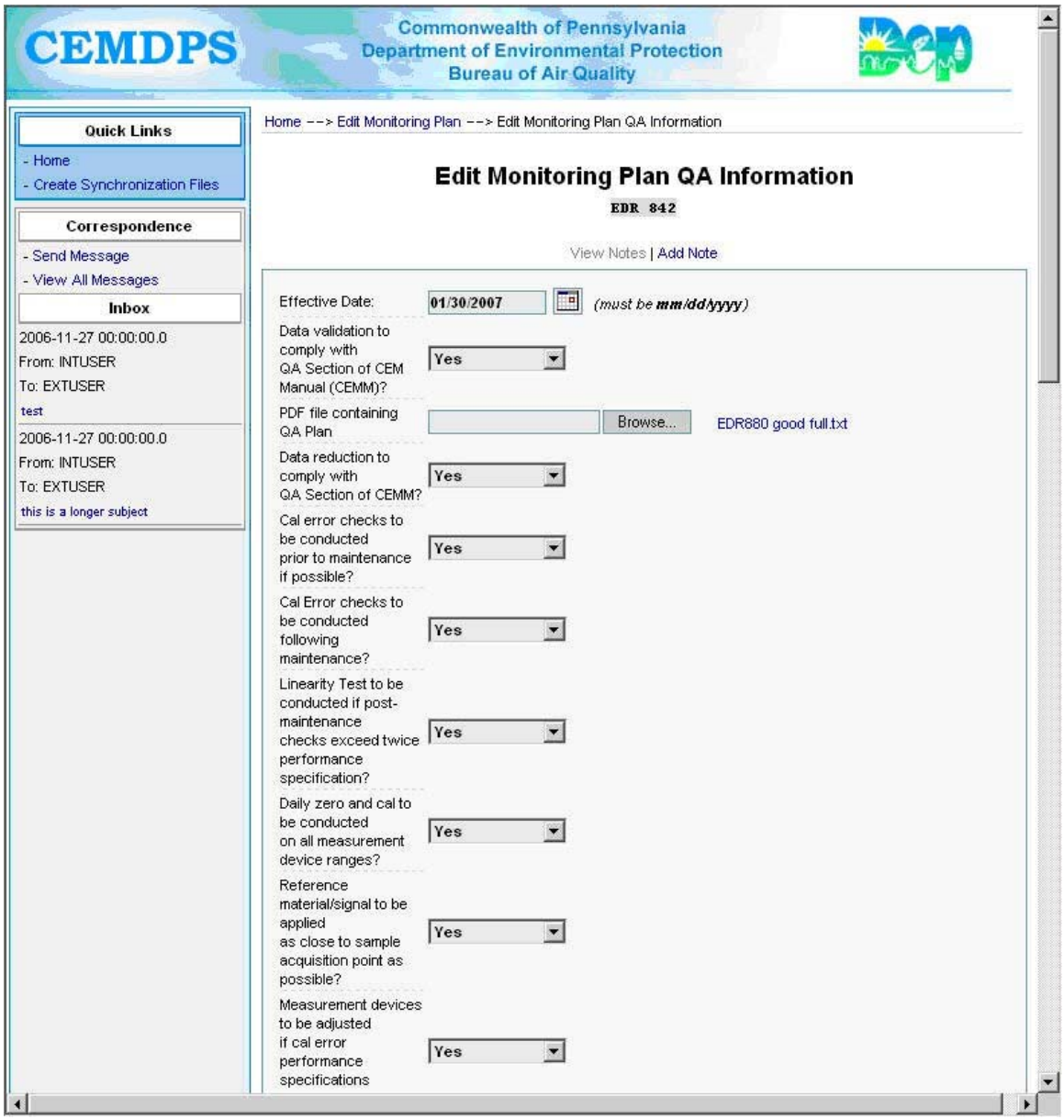
QA Information

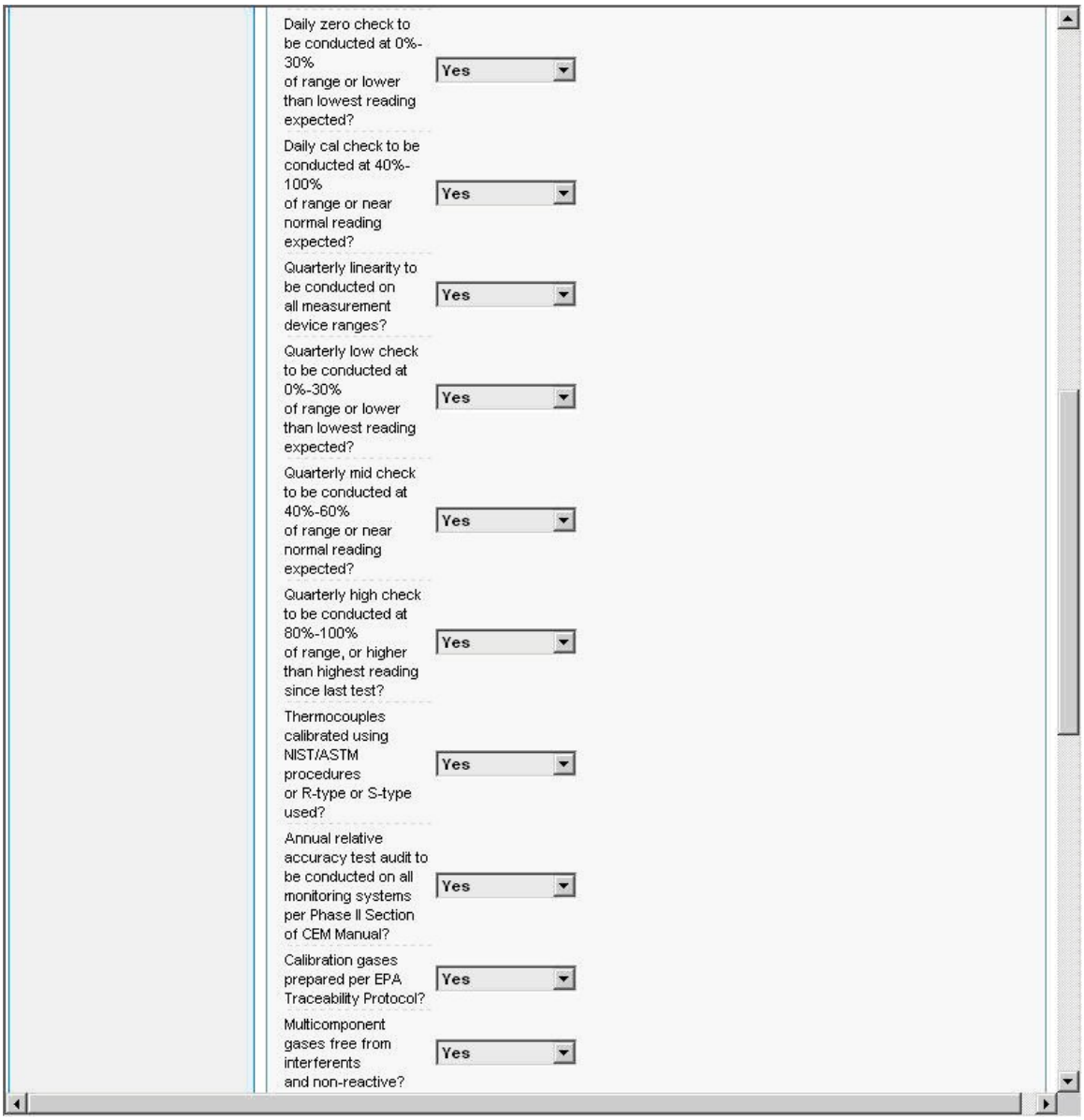
Edit Monitoring Plan QA Information (EDR 842)

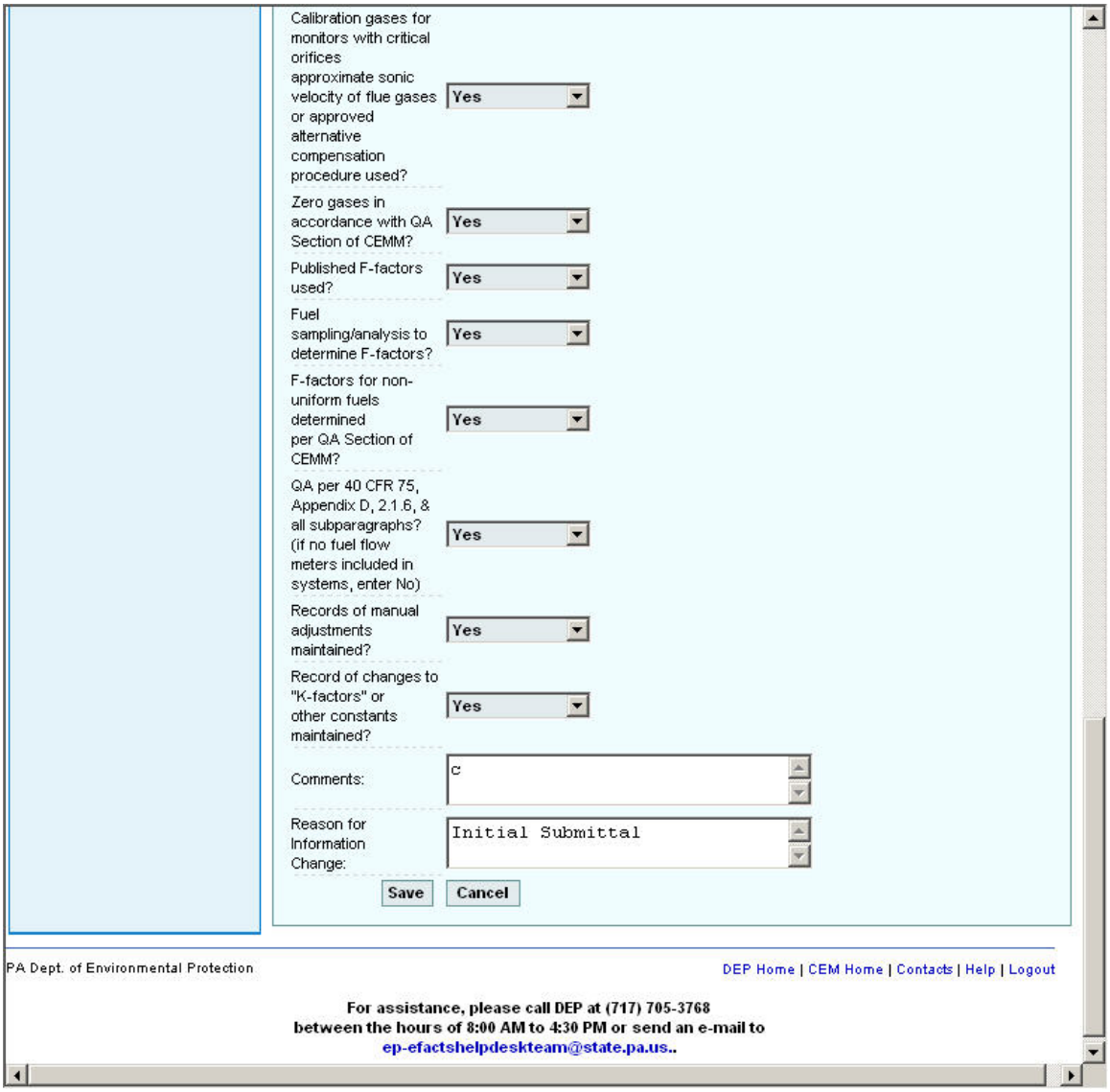
The *Create/Edit Monitoring Plan QA Information* page records quality assurance information as part of the monitoring plan. You must enter QA information with the monitoring plan for each facility.

To add or edit Monitoring Plan QA Information, follow the instructions for each field, as listed below.

Note: Due to the large number of data fields available on this page, three pictures are used below to display all fields.


CEMDPS
Commonwealth of Pennsylvania
Department of Environmental Protection
Bureau of Air Quality
Quick Links
- Home
- Create Synchronization Files
Correspondence
- Send Message
- View All Messages
Inbox
2006-11-27 00:00:00.0
From: INTUSER
To: EXTUSER
test
2006-11-27 00:00:00.0
From: INTUSER
To: EXTUSER
this is a longer subject
Home --> Edit Monitoring Plan --> Edit Monitoring Plan QA Information
Edit Monitoring Plan QA Information
EDR 842
View Notes | Add Note
Effective Date: 01/30/2007 (must be mm/dd/yyyy)
Data validation to comply with QA Section of CEM Manual (CEMM)? Yes
PDF file containing QA Plan Browse... EDR880 good full.txt
Data reduction to comply with QA Section of CEMM? Yes
Cal error checks to be conducted prior to maintenance if possible? Yes
Cal Error checks to be conducted following maintenance? Yes
Linearity Test to be conducted if post-maintenance checks exceed twice performance specification? Yes
Daily zero and cal to be conducted on all measurement device ranges? Yes
Reference material/signal to be applied as close to sample acquisition point as possible? Yes
Measurement devices to be adjusted if cal error performance specifications Yes


Daily zero check to be conducted at 0%-30% of range or lower than lowest reading expected?
Yes
Daily cal check to be conducted at 40%-100% of range or near normal reading expected?
Yes
Quarterly linearity to be conducted on all measurement device ranges?
Yes
Quarterly low check to be conducted at 0%-30% of range or lower than lowest reading expected?
Yes
Quarterly mid check to be conducted at 40%-60% of range or near normal reading expected?
Yes
Quarterly high check to be conducted at 80%-100% of range, or higher than highest reading since last test?
Yes
Thermocouples calibrated using NIST/ASTM procedures or R-type or S-type used?
Yes
Annual relative accuracy test audit to be conducted on all monitoring systems per Phase II Section of CEM Manual?
Yes
Calibration gases prepared per EPA Traceability Protocol?
Yes
Multicomponent gases free from interferents and non-reactive?
Yes



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the submitted information in the format *mm/dd/yyyy* or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the

Field Label/Link	Activity
	calendar to choose a date.)
Data validation to comply with QA Section of CEM Manual (CEMM)?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
PDF file containing QA Plan	Click the BROWSE button to select a file to attach to the monitoring plan information. The file you choose displays in the text box. If you previously attached a file, the file name displays as a link. Click on the file name link to view the previous attachment.
Data reduction to comply with QA Section of CEMM?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Cal error checks to be conducted prior to maintenance if possible?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Cal error checks to be conducted following maintenance?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Linearity test to be conducted if post-maintenance checks exceed twice performance specification?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Daily zero and cal to be conducted on all measurement device ranges?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Reference material/signal to be applied as close to sample acquisition point as possible?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Measurement devices to be adjusted if cal error performance specifications exceeded?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Daily zero check to be conducted at 0%-30% of range or lower than lowest reading expected?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Daily cal check to be conducted at 40%-100% of range or near normal reading expected?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Quarterly linearity to be conducted on all measurement device ranges?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Quarterly low check to be conducted at 0%-30% of range or lower than lowest reading expected?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Quarterly mid check to be conducted at 40%-60% of range or near normal reading expected?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Quarterly high check to be conducted at 80%-100% of range, or higher than highest reading since last test?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Thermocouples calibrated using NIST/ASTM procedures or R-type or S-type used?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Annual relative accuracy test audit to be conducted on all monitoring systems per Phase II Section of CEM Manual?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Calibration gases prepared per EPA Traceability Protocol?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.

Field Label/Link	Activity
Multicomponent gases free from interferents and non-reactive?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Calibration gases for monitors with critical orifices approximate sonic velocity of flue gases or approved alternative compensation procedure used?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Zero gases in accordance with QA Section of CEMM?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Published F-factors used?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Fuel sampling/analysis to determine F-factors?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
F-factors for non-uniform fuels determined per QA Section of CEMM?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
QA per 40 CFR 75, Appendix D, 2.1.6, & all subparagraphs (if no fuel flow meters included in systems, enter No)?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Records of manual adjustments maintained?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Record of changes to “K-factors” or other constants maintained?	Use the drop-down list to answer *Yes*, *No*, or *Not Applicable*.
Comments	Enter up to 125 characters of comments.
Reason for Information Change	Enter a reason for the information change up to 50 characters.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

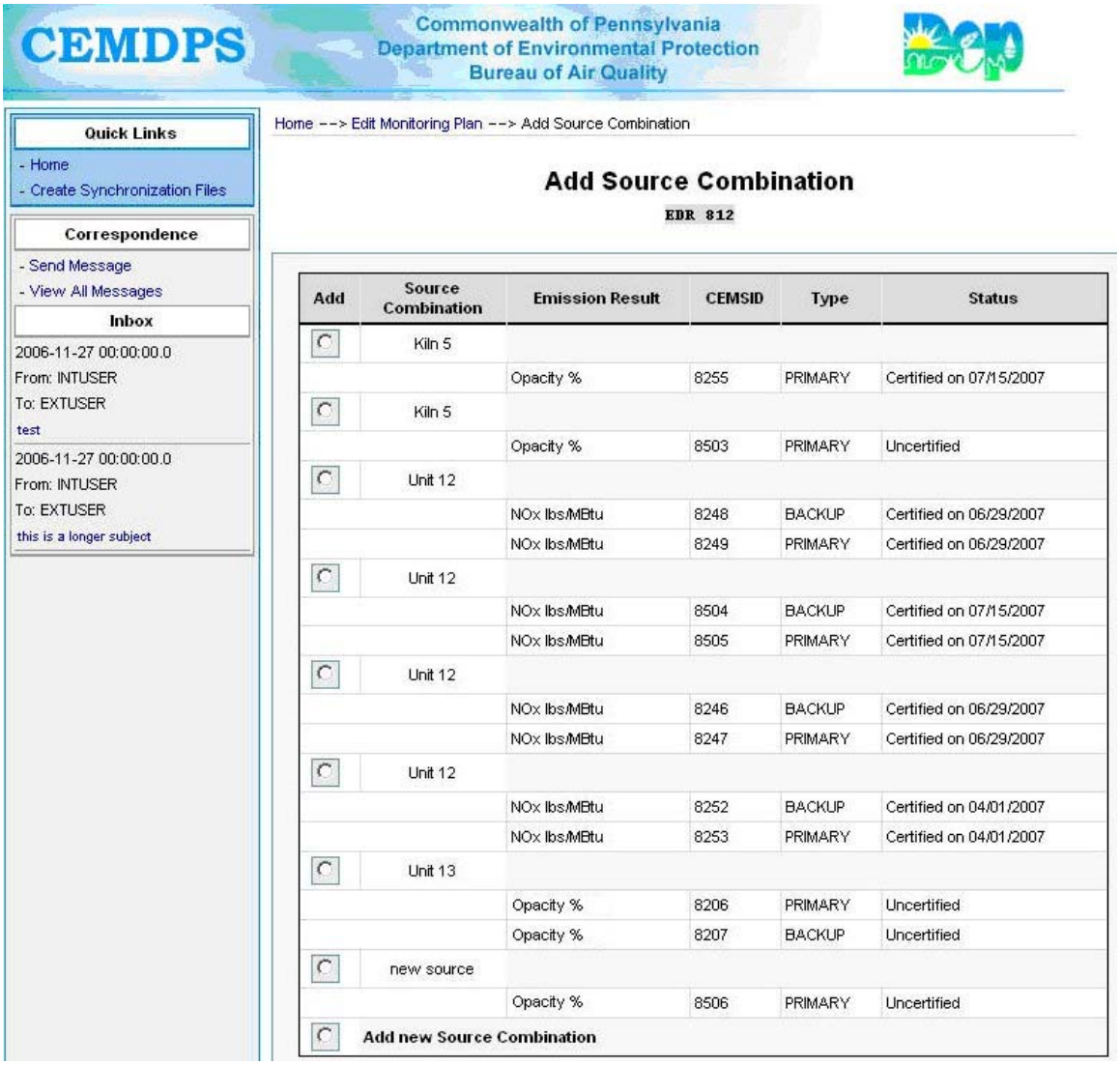
Configuration Information

Source Combinations

Add Source Combination

When you create a new monitoring plan and add source combinations, the *Add Source Combination* page displays. This page contains a list of source combinations already defined for your facility and available for inclusion in your new monitoring plan. If you do not have any source combinations defined for other monitoring plans for your facility, the *Create Source Combination* page displays instead and allows you to define a new source combination.

To add a source combination from the *Add Source Combination* page's list of defined combinations, click the radio button in front of the combination you want to add ***or*** click the button in front of the **Add New Source Combination** option and click ADD.



Add	Source Combination	Emission Result	CEMSID	Type	Status
○	Kiln 5				
		Opacity %	8255	PRIMARY	Certified on 07/15/2007
○	Kiln 5				
		Opacity %	8503	PRIMARY	Uncertified
○	Unit 12				
		NOx lbs/MBtu	8248	BACKUP	Certified on 06/29/2007
		NOx lbs/MBtu	8249	PRIMARY	Certified on 06/29/2007
○	Unit 12				
		NOx lbs/MBtu	8504	BACKUP	Certified on 07/15/2007
		NOx lbs/MBtu	8505	PRIMARY	Certified on 07/15/2007
○	Unit 12				
		NOx lbs/MBtu	8246	BACKUP	Certified on 06/29/2007
		NOx lbs/MBtu	8247	PRIMARY	Certified on 06/29/2007
○	Unit 12				
		NOx lbs/MBtu	8252	BACKUP	Certified on 04/01/2007
		NOx lbs/MBtu	8253	PRIMARY	Certified on 04/01/2007
○	Unit 13				
		Opacity %	8206	PRIMARY	Uncertified
		Opacity %	8207	BACKUP	Uncertified
○	new source				
		Opacity %	8506	PRIMARY	Uncertified
○	**Add new Source Combination**				

Column	Activity
Add	Click the radio button in this column to select a source combination to add to your monitoring plan, or click the radio button for Add New Source Combination to define a new combination.
Source Combination	Displays the names of the source combinations already defined in the CEMDPS.
Emission Result	Displays the emission results associated with a source combination.
CEMSID	Displays the CEMS IDs associated with an emission result.
Type	Indicates whether the CEMS is the primary, backup, or standby.
Status	Indicates the status of the CEMS.

Button	Description
Add	Clicking this button adds the source combination selected in the Add column to the monitoring plan.

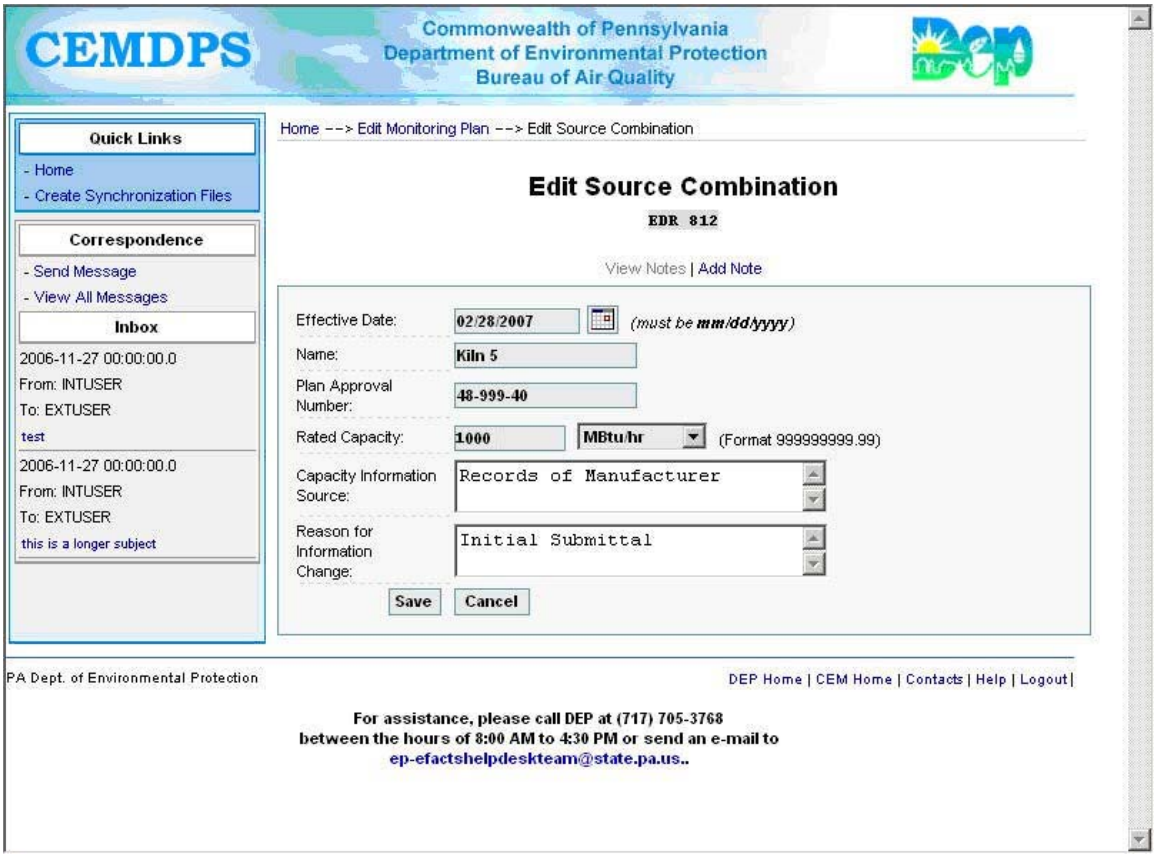
Create/Edit Source Combination (EDR 812)

The *Create/Edit Source Combination* page records information about source combinations for a facility. (You get to this page by clicking ADD next to the Source Combinations heading or EDIT next to a source combination's Basic Information in the Monitoring Plan page.) A source combination consists of one or more processes (emissions from multiple processes are sometimes combined prior to monitoring) from which emissions or operational parameters are monitored to determine compliance with applicable emission standards or operational criteria.

Notes

- Each source combination must be associated with one and only one facility.
- Each source combination must have one or more emission results.

To add or edit a Source Combination, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	ADD: Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.

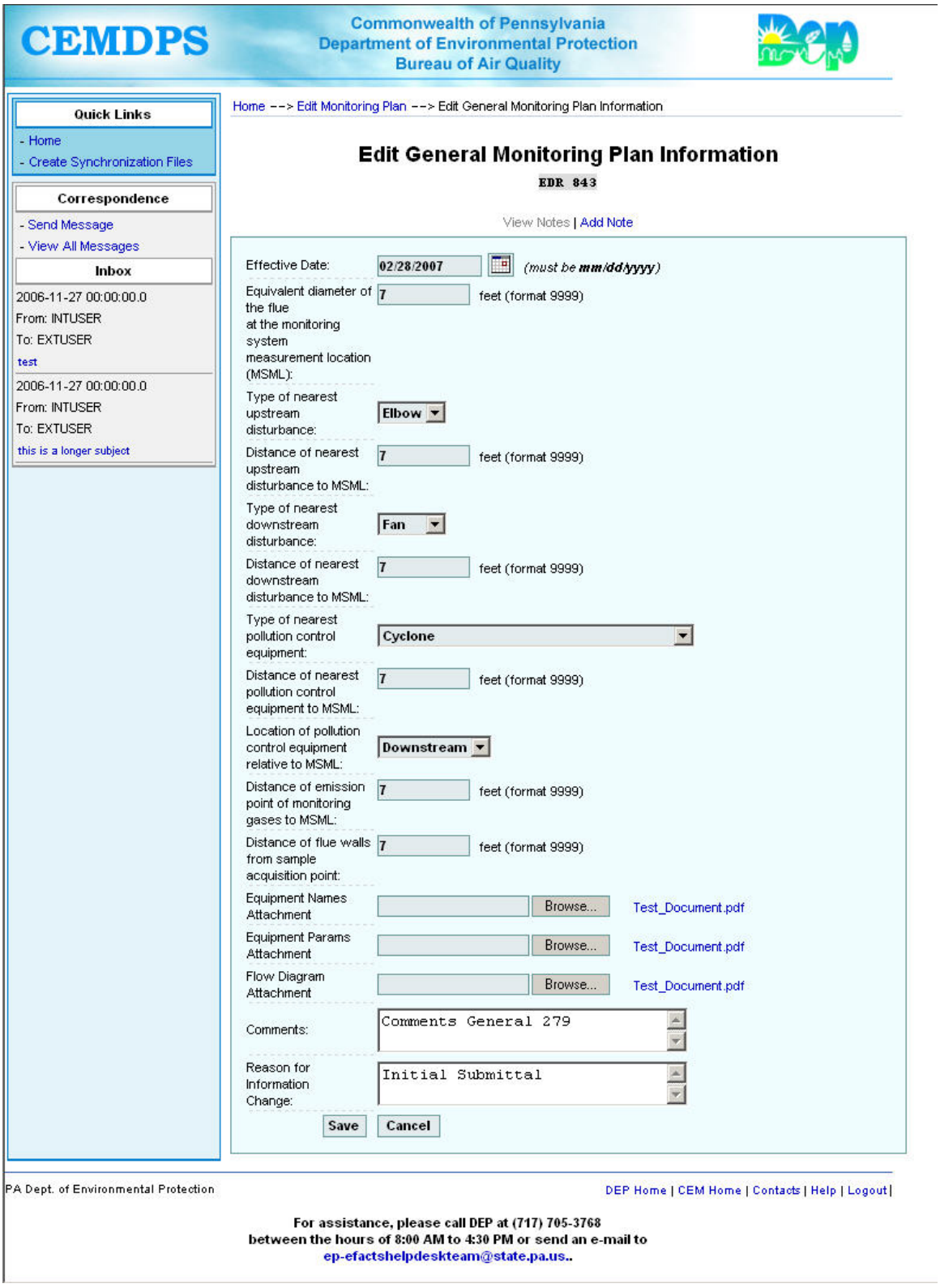
Field Label/Link	Activity
Effective Date	Enter the effective date of the information in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
Name	Enter the name for the source combination.
Plan Approval Number	Enter the DEP Plan Approval Number for the source combination (the number may be obtained from the DEP) in the format CC-SSS-NN, where: CC = County number SSS = Source Type Code NN = Sequential Number.
Rated Capacity	Enter the Rated Capacity in F12.2 format and use the drop-down list to select the units of measurement for the Rated Capacity. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added. Examples of acceptable values are: • ACFM • bbl/day • tons/hr • lbs/day • tons/yr • lbs/hr • Mbtu/hr • tons/cycle
Capacity Information Source	Enter a short explanation of the source of the information (Manufacturer's Rating, Test Results, etc.).
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

Edit General Monitoring Plan Information (EDR 843)

The *Create/Edit General Monitoring Plan Information* page records general information about the monitoring plan, including locations of disturbances and pollution control equipment relative to the monitoring system measurement location (MSML). You must enter this general information with each monitoring plan for a facility.

To add or edit General Monitoring Plan Information, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item.

Field Label/Link	Activity
	Note: This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the information in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
Equivalent diameter of the flue at the monitoring system measurement location (MSML):	Enter the equivalent diameter of the flue at the monitoring system measurement location in feet in F4.1 format.
Type of nearest upstream disturbance:	Use the drop-down list to enter the type of nearest upstream disturbance. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added. Examples of acceptable values are: • Fan • Elbow • Inlet • Outlet
Distance of nearest upstream disturbance to MSML:	Enter the distance of nearest upstream disturbance to MSML in feet in F4.1 format.
Type of nearest downstream disturbance:	Use the drop-down list to enter the type of nearest downstream disturbance. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added. Examples of acceptable values are: • Fan • Elbow • Inlet • Outlet
Distance of nearest downstream disturbance to MSML:	Enter the distance of nearest downstream disturbance to MSML in feet in F4.1 format.
Type of nearest pollution control equipment:	Use the drop-down list to enter the type of nearest pollution control equipment. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added. Examples of acceptable values are:

<table>
<tr><th>Field Label/Link</th><th>Activity</th></tr>
<tr><td></td><td>
<table>
<tr><th>Value</th><th>Description</th></tr>
<tr><td>B</td><td>Baghouse(s)</td></tr>
<tr><td>C</td><td>Cyclone</td></tr>
<tr><td>CM</td><td>Combustion Modification/Fuel Reburning</td></tr>
<tr><td>DA</td><td>Dual Alkali</td></tr>
<tr><td>DL</td><td>Dry Lime FGD</td></tr>
<tr><td>DLNB</td><td>Dry Low NOx Burners (Turbines only)</td></tr>
<tr><td>ESP</td><td>Electrostatic Precipitator</td></tr>
<tr><td>FBL</td><td>Fluidized Bed Limestone Injection</td></tr>
<tr><td>H2O</td><td>Water Injection (Turbines and Cyclone Boilers only)</td></tr>
<tr><td>LNB</td><td>Low NOx Burner Technology (Dry Bottom Boilers only)</td></tr>
<tr><td>LNBO</td><td>Low NOx Burner Technology with Overfire Air (Dry Bottom Boilers Only)</td></tr>
<tr><td>LNC1</td><td>Low NOx Burner Technology with Close-coupled OFA (Tangentially fired units only)</td></tr>
<tr><td>LNC2</td><td>Low NOx Burner Technology with Separated OFA (Tangentially fired units only)</td></tr>
<tr><td>LNC3</td><td>Low NOx Burner Technology with Close-coupled and Separated OFA (Tangentially fired units only)</td></tr>
<tr><td>LNCB</td><td>Low NOx Burner Technology for Cell Burners</td></tr>
<tr><td>MO</td><td>Magnesium Oxide</td></tr>
<tr><td>NH3</td><td>Ammonia Injection</td></tr>
<tr><td>O</td><td>Other</td></tr>
<tr><td>OFA</td><td>Overfire Air</td></tr>
<tr><td>SB</td><td>Sodium Based</td></tr>
<tr><td>SCR</td><td>Selective Catalytic Reduction</td></tr>
<tr><td>SNCR</td><td>Selective Non-catalytic Reduction</td></tr>
<tr><td>SO2</td><td>Controls</td></tr>
<tr><td>STM</td><td>Steam Injection</td></tr>
<tr><td>WL</td><td>Wet Lime FGD</td></tr>
<tr><td>WLS</td><td>Wet Limestone</td></tr>
<tr><td>WS</td><td>Wet Scrubber</td></tr>
</table>
</td></tr>
<tr><td>Distance of nearest pollution control equipment to MSML:</td><td>Enter the distance of nearest pollution control equipment to MSML in feet in F4.1 format.</td></tr>
<tr><td>Location of pollution control equipment relative to MSML:</td><td>Use the drop-down list to report whether the location of pollution control equipment relative to the MSML is Upstream or Downstream.</td></tr>
<tr><td>Distance of emission point of monitoring gases to MSML:</td><td>Enter the distance of emission point of monitoring gases to the MSML in feet in F4.1 format.</td></tr>
<tr><td>Distance of flue walls from sample acquisition point:</td><td>Enter the distance of flue walls from the sample acquisition point in feet.</td></tr>
<tr><td>Equipment Names Attachment</td><td>Click the BROWSE button to select a file to attach to the monitoring plan information. The file you choose displays in the text box. If you previously attached a file, the file name displays as a link. Click on the file name link to view the previous attachment.</td></tr>
<tr><td>Equipment Params Attachment</td><td>Click the BROWSE button to select a file to attach to the monitoring plan information. The file you choose displays in the text box. If you</td></tr>
</table>

Field Label/Link	Activity
	previously attached a file, the file name displays as a link. Click on the file name link to view the previous attachment.
Flow Diagram Attachment	Click the BROWSE button to select a file to attach to the monitoring plan information. The file you choose displays in the text box. If you previously attached a file, the file name displays as a link. Click on the file name link to view the previous attachment.
Comments	Enter up to 40 characters of comments.
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

Emission Results

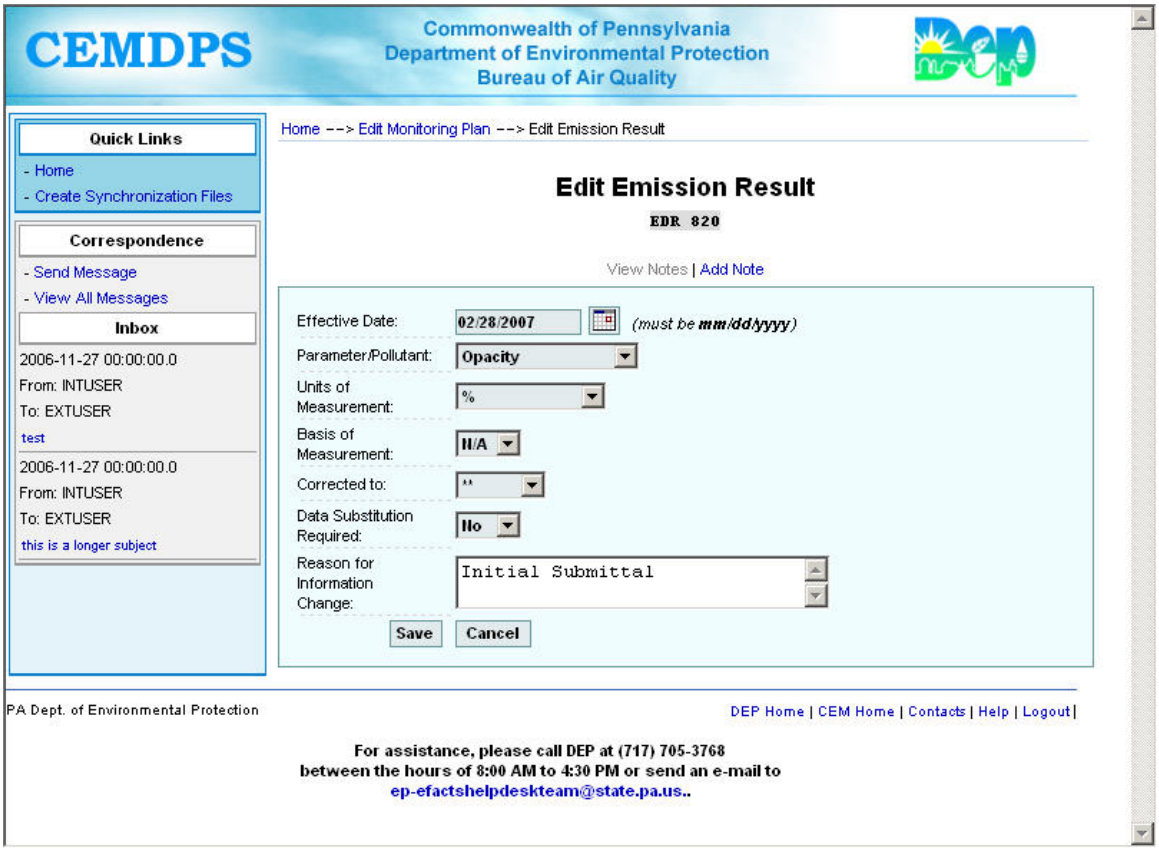
Create/Edit Emission Result (EDR 820)

The *Create/Edit Emission Result* page records information about emission results for source combinations. An emission result represents data in terms of an applicable emission standard or operational criterion as reported to BAQ.

Notes

- Each emission result must be associated with one and only one source combination.
- Each emission result must have one or more emission standards (if emissions are being reported for informational purposes only, the emission standard parameters can be set such that compliance is not determined), one or more data availability standards (if emissions are being reported for informational purposes only, the data availability standard parameters can be set such that compliance is not determined), and one or more (to account for "backup" or "standby" monitoring systems used to collect and report data for the same emission result) continuous emission monitoring systems (CEMSs).

To add or edit an Emission Result, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item.

<table>
<tr><th>Field Label/Link</th><th>Activity</th></tr>
<tr><td></td><td>Note: This link is active only in the online CEMDPS application.</td></tr>
<tr><td>Add Note</td><td>Clicking the Add Note link opens the Add Note page, which allows you to enter a note for this item.

Note: This link is active only in the online CEMDPS application.</td></tr>
<tr><td>Effective Date</td><td>Enter the effective date of the information in mm/dd/yyyy format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)</td></tr>
<tr><td>Parameter/Pollutant</td><td>Use the drop-down list to enter the Parameter/Pollutant for the emission result. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

<table>
<tr><td>CE</td><td>CO</td><td>CO_2</td><td>Culm Gas %</td></tr>
<tr><td>Flow</td><td>Fuel Rate</td><td>H_2O</td><td>H_2S</td></tr>
<tr><td>HC</td><td>HCl</td><td>HCl Reduction</td><td>Heat Input</td></tr>
<tr><td>NO</td><td>NO_2</td><td>NO_x</td><td>NO_x Allowable</td></tr>
<tr><td>O_2</td><td>Opacity</td><td>Pressure</td><td>SO_2</td></tr>
<tr><td>SO_2 Allowable</td><td>SO_2 Reduction</td><td>Steam Flow</td><td>Temperature</td></tr>
<tr><td>TRS</td><td>VCM</td><td>VOC</td><td></td></tr>
</table>
</td></tr>
<tr><td>Units of Measurement</td><td>Use the drop-down list to enter the Units of Measurement for the emission result. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

<table>
<tr><td>%</td><td>Btu/hr</td><td>cfh</td><td>Cfm</td></tr>
<tr><td>Degrees F</td><td>gph</td><td>gpm</td><td>lbs/hr</td></tr>
<tr><td>lbs/Mbtu</td><td>lbs/ton</td><td>Mbtu/hr</td><td>Mcfh</td></tr>
<tr><td>ppm</td><td>psi</td><td></td><td></td></tr>
</table>
</td></tr>
<tr><td>Basis of Measurement</td><td>Use the drop-down list to enter the Basis of Measurement for the emission result. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

• Wet (W)
• Dry (D)
• Not Applicable (N)</td></tr>
<tr><td>Corrected To</td><td>Use the drop-down list to enter the Corrected To value for the emission result. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.</td></tr>
</table>

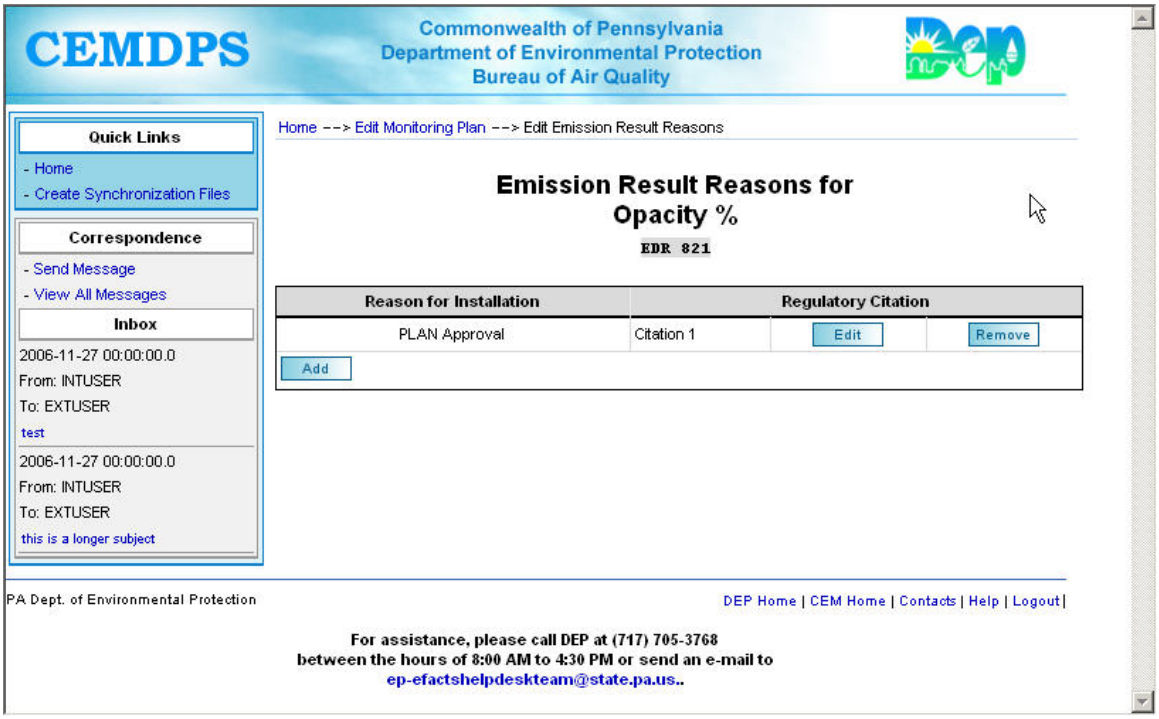
Field Label/Link	Activity
	Examples of acceptable values are: • ** (Not Applicable) • 0% O2 • 10% O2 • 12% O2 • 15% O2 • 7% O2 • 8% O2
Data Substitution Required	Use the drop-down list to enter whether data substitution is required. Acceptable values are: • Yes - Data substitution required when data invalid • No - Data substitution not required
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

Emission Result Reasons (EDR 821)

The *Emission Result Reasons* page displays a list of emission result reasons already configured for an emission result. The page title includes the name of the emission result associated with the reasons listed. For example, when you view the emission result reasons for an emission result called "Fuel Rate Btu/hr," the page title is *Emission Result Reasons for Fuel Rate Btu/hr*. From the *Emission Result Reasons* page, you can add a new reason for the emission result or edit or remove an existing reason.

The table below describes the information displayed in the *Emission Result Reasons* page and the options available.



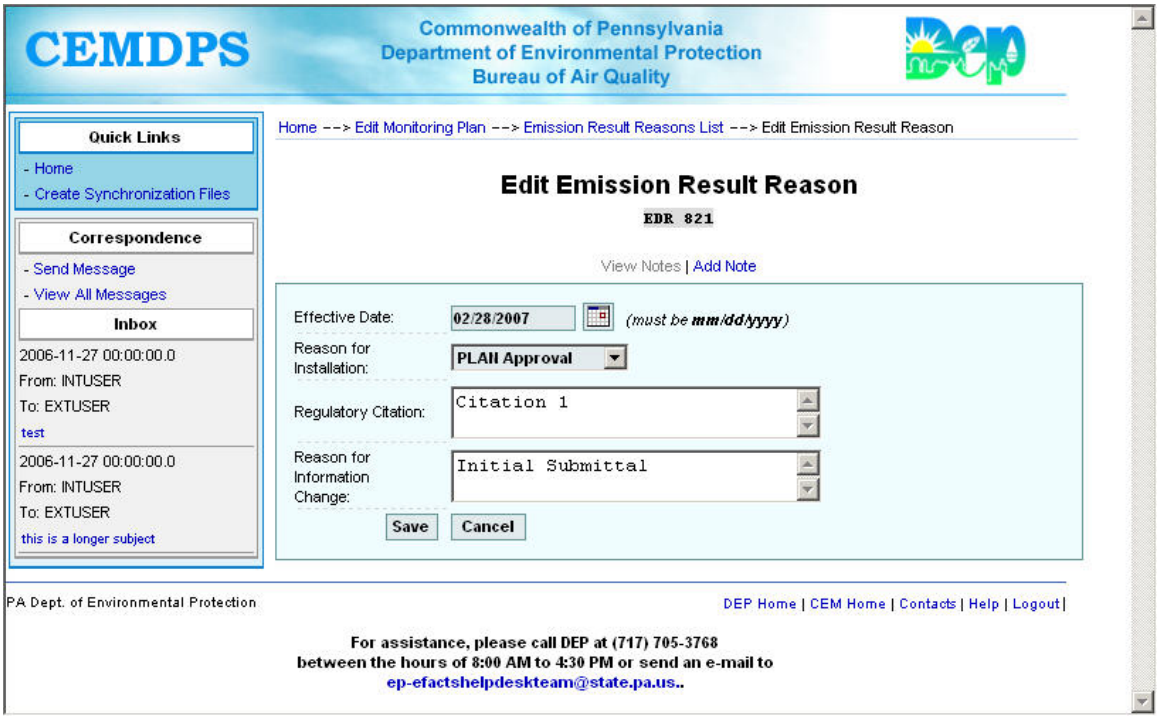
Column	Description
Reason for Installation	Displays the reason for installation for the emission result reason.
Regulatory Citation	Displays the regulatory citation for the reason for installation.

Button	Description
Add	Click ADD to enter a new emission result reason for the emission result. The *Create Emission Result Reason* page displays.
Edit	Click EDIT next to the appropriate emission result reason to make changes to that reason. The *Edit Emission Result Reason* page displays.
Remove	Click REMOVE next to the appropriate emission result reason to remove it from the reasons list. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

Create/Edit Emission Result Reason (EDR 821)

The *Create/Edit Emission Result Reason* page records information regarding the reasons for why monitoring is required for each existing or proposed new emission result at a facility. You may enter up to 5 reasons per emission result.

To add or edit an Emission Result Reason, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the information in *mm/dd/yyyy* format or click the calendar con to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)

<table>
<tr><th>Field Label/Link</th><th>Activity</th></tr>
<tr><td>Reason for Installation</td><td>Use the drop-down list to enter the Reason for Installation. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

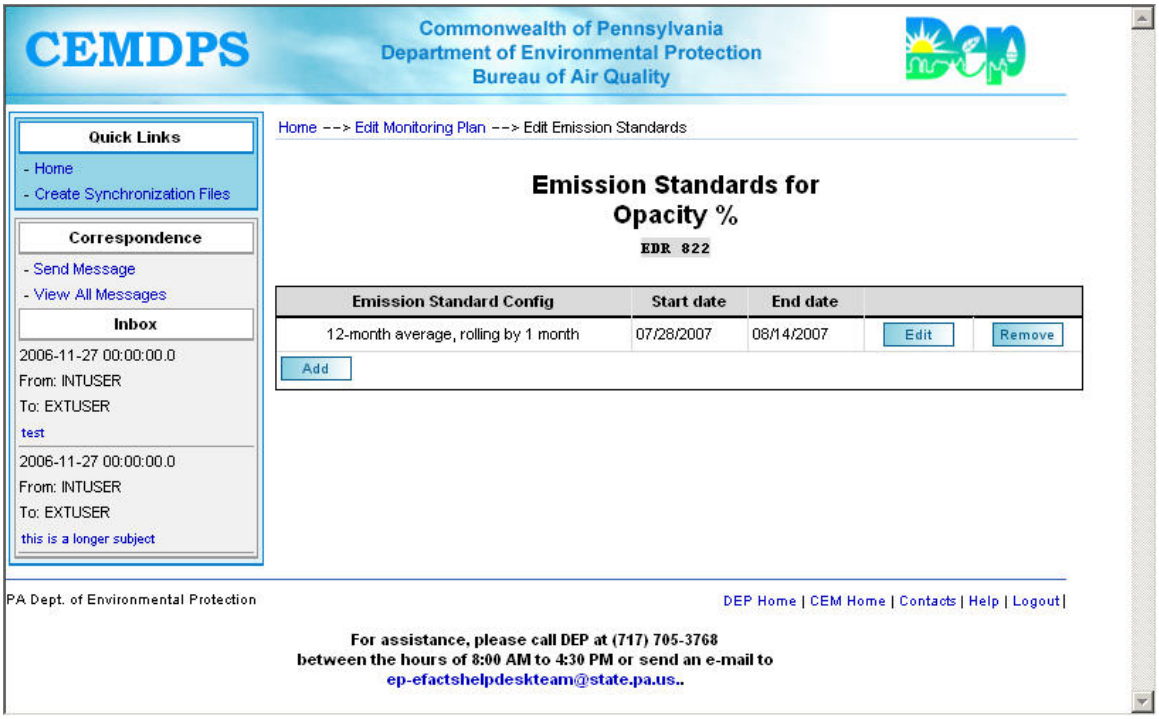
<table>
<tr><th>Value</th><th>Description</th></tr>
<tr><td>**</td><td>Not Applicable</td></tr>
<tr><td>?</td><td>Unknown</td></tr>
<tr><td>Ne</td><td>NESHAPS</td></tr>
<tr><td>Ns</td><td>NSPS</td></tr>
<tr><td>O</td><td>Department Order</td></tr>
<tr><td>P1</td><td>Acid Rain Phase I</td></tr>
<tr><td>P2</td><td>Acid Rain Phase II</td></tr>
<tr><td>Pa</td><td>Plan Approval</td></tr>
<tr><td>Ps</td><td>PSD</td></tr>
<tr><td>R</td><td>RACT</td></tr>
<tr><td>S</td><td>SIP</td></tr>
<tr><td>T</td><td>Trading Program</td></tr>
</table>
</td></tr>
<tr><td>Regulatory Citation</td><td>Enter the regulatory citation for the reason represented by the Reason for Installation (for instance, “25 PA Code - Chapter 127”, “25 PA Code – Chapter 145”, etc.).</td></tr>
<tr><td>Reason for Information Change</td><td>Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is Initial Submittal and it is not editable.</td></tr>
</table>

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Emission Result Reasons* page.
Cancel	Clicking CANCEL returns you to the *Emission Result Reasons* page without saving changes.

Emission Standards (EDR 822)

The *Emission Standards* page displays a list of emission standards already configured for an emission result. The page title includes the name of the emission result associated with the standards listed. For example, when you view the emission standards for an emission result called "Fuel Rate Btu/hr," the page title is *Emission Standards for Fuel Rate Btu/hr*. From the *Emission Standards* page, you can add a new standard for the emission result or edit or remove an existing standard.

The table below describes the information displayed in the *Emission Standards* page and the options available.



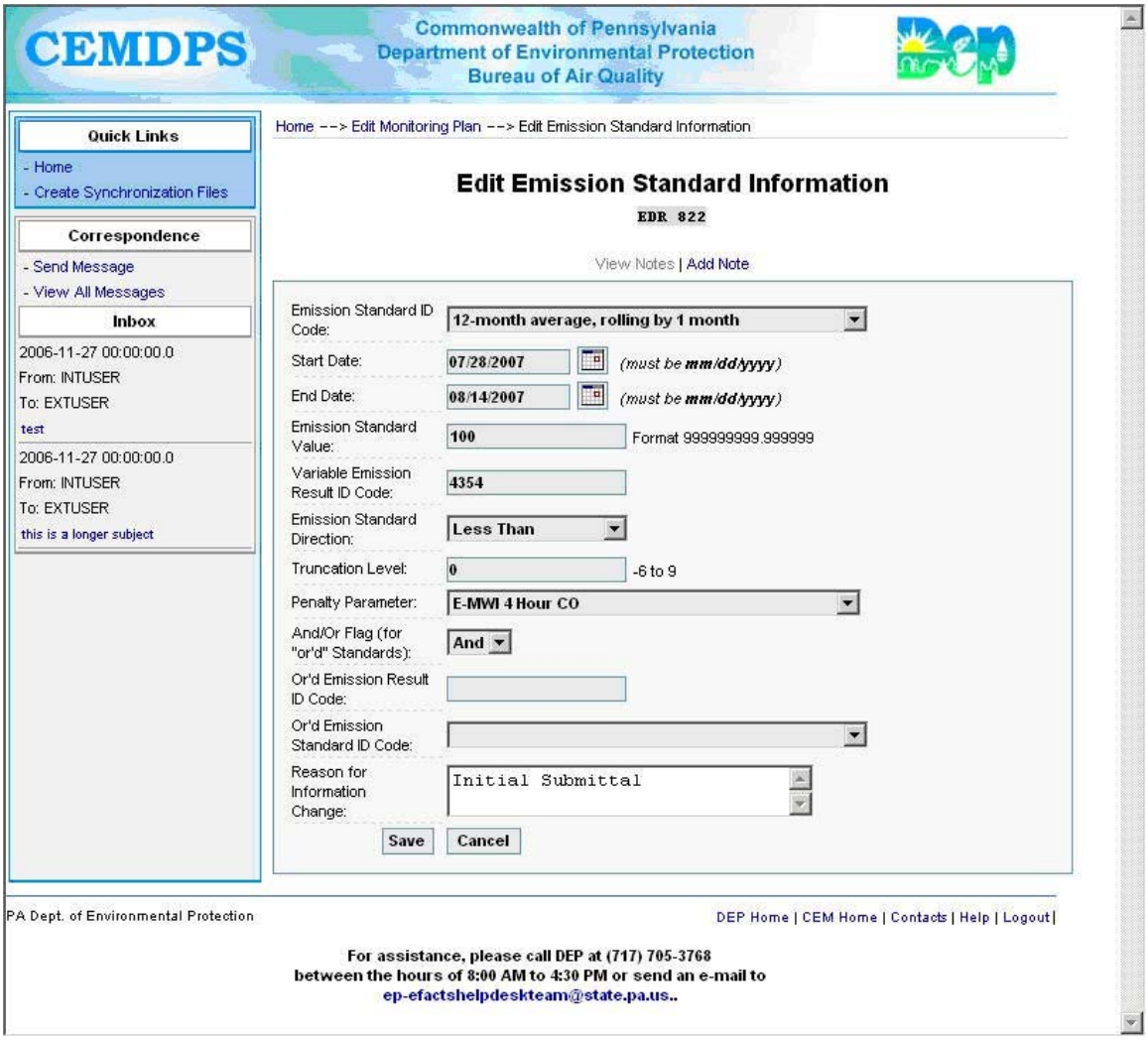
Column	Description
Emission Standard Config	Displays a list of emission standards configured for an emission result.
Start Date	Displays the starting date the standard applies.
End Date	Displays the last date the standard applies.

Button	Description
Add	Click ADD to enter a new emission standard. The *Create Emission Standard Information* page displays.
Edit	Click EDIT next to the appropriate emission standard to make changes to that standard. The *Edit Emission Standard Information* page displays.
Remove	Click REMOVE next to the appropriate emission standard to remove it from the standards list. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

Create/Edit Emission Standard Information (EDR 822)

The *Create/Edit Emission Standard Information* page records information about emission standards for emission results at a facility.

To add or edit an Emission Standard, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Emission Standard	Use the drop-down list to enter the Emission Standard ID Code to

<table>
<tr><th>Field Label/Link</th><th>Activity</th></tr>
<tr><td>ID Code</td><td>identify the type of averaging/summation period involved. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

<table>
<tr><td>No ESIDC (Use for DA Std Only)</td><td>Std1dev, no exceptions</td></tr>
<tr><td>1-Minute average, 3 exceptions in hour</td><td>Std2dev, no exceptions</td></tr>
<tr><td>1-Minute average, block</td><td>4-hour average, block</td></tr>
<tr><td>1-day average, block</td><td>12-hour average, block</td></tr>
<tr><td>Daily averages, 2 exceptions in 30-day</td><td>24-hour average, rolling by 1 hour</td></tr>
<tr><td>30-day average, rolling by 1 day</td><td>6-minute average, block</td></tr>
<tr><td>1-hour average, block</td><td>1-day sum</td></tr>
<tr><td>4-day average, rolling by 1 day</td><td>12-month sum, rolling by 1 month</td></tr>
<tr><td>3-hour average, rolling by 1 hour</td><td>12-month average, rolling by 1 month</td></tr>
<tr><td>4-hour average, rolling by 1 hour</td><td>3-hour average, block</td></tr>
<tr><td>8-hour average, rolling by 1 hour</td><td>7-day average, rolling by 1 day</td></tr>
<tr><td>12-hour average, rolling by 1 hour</td><td>1-day average, block, geometric</td></tr>
<tr><td>1-Year sum</td><td>30-Operating-Day operating hour average, by 1 day</td></tr>
<tr><td>Std1dev, 3 exceptions in hour</td><td>1-month average, block</td></tr>
</table>
</td></tr>
<tr><td>Start Date</td><td>Enter the starting date the standard applies in mm/dd/yyyy format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)</td></tr>
<tr><td>End Date</td><td>Enter the last date the standard applies in mm/dd/yyyy format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.) If standard is still applicable, report 12/31/9999.</td></tr>
<tr><td>Emission Standard Value</td><td>Enter the value of the emission standard. If the emission result is subject to a “variable” standard (based on process operating conditions, etc.), leave this field blank. Use format F16.6 for data entered in this field.</td></tr>
<tr><td>Variable Emission Result ID Code</td><td>Should the emission result be subject to a “variable” standard (based on process operating conditions, etc.), enter the DEP Emission Result ID Code for the emission result used to report such “variable” emission standard for comparison with the emission result represented by this record.</td></tr>
<tr><td>Emission Standard Direction</td><td>Use the drop-down list to enter the Emission Standard Direction. Acceptable values are:

<table>
<tr><td>Less Than</td><td>Violation if monitoring result is less than the emission standard value</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><th>Field Label/Link</th><th>Activity</th></tr>
<tr><td></td><td>
<table>
<tr><td>Less Than Equal</td><td>Violation if monitoring result is less than or equal to the emission standard value</td></tr>
<tr><td>Greater Than</td><td>Violation if monitoring result is greater than the emission standard value</td></tr>
<tr><td>Greater Than Equal</td><td>Violation if monitoring result is greater than or equal to the emission standard value</td></tr>
</table>
</td></tr>
<tr><td>Truncation Level</td><td>Enter the truncation level (as supplied by the PADEP). Acceptable values are in the range “-6” to “+9”, with “+0” as a valid value.</td></tr>
<tr><td>Penalty Parameter</td><td>Use the drop-down list to enter the Penalty Parameter. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

<table>
<tr><td>E-General 1-Month Ave</td><td>D-MWI Opacity</td></tr>
<tr><td>E-General 12-Month roll</td><td>E-Boiler/General 20% Standard Opacity</td></tr>
<tr><td>E-MWI CE</td><td>E-Boiler/General 60% Standard Opacity</td></tr>
<tr><td>D-Hospital Incinerator CE, CO, Temp.</td><td>E-Cement Kiln 20% Standard Opacity</td></tr>
<tr><td>D-MWI CE, CO, Temp.</td><td>E-Cement Kiln 60% Standard Opacity</td></tr>
<tr><td>E-Hospital Incinerator Daily CO</td><td>E-FCC 20% Standard Opacity</td></tr>
<tr><td>E-MWI 4 Day CO</td><td>E-FCC 60% Standard Opacity</td></tr>
<tr><td>E-MWI 4 Hour CO</td><td>E-FCC 20% Standard After October 2004 Opacity</td></tr>
<tr><td>E-MWI 8 Hour CO</td><td>E-FCC 60% Standard After October 2004 Opacity</td></tr>
<tr><td>E-MWI Daily CO</td><td>E-MWI 10% Standard Opacity</td></tr>
<tr><td>E-MWI Daily CO After ???</td><td>E-MWI 30% Standard Opacity</td></tr>
<tr><td>E-Interim Guidelines Hourly-Main Standards</td><td>E-MWI Daily SO2</td></tr>
<tr><td>E-MWI Daily HCl</td><td>E-MWI Hourly SO2</td></tr>
<tr><td>E-MWI Daily HCl After ???</td><td>E-Blr/G Daily (lbs/Mbtu, ppm, lbs/hr) SO2, NOx, CO</td></tr>
<tr><td>E-MWI Daily HCl no Reduction</td><td>E-Boiler/General 2-in-30 Day SO2, NOx, CO</td></tr>
<tr><td>E-Boiler Homer City Only NOx</td><td>E-Boiler/General 30-Day SO2, NOx, CO</td></tr>
<tr><td>E-MWI Daily NOx</td><td>E-Boiler/General Daily/30D (lbs/Mbtu) SO2, NOx, CO</td></tr>
<tr><td>D-Boiler/General Hourly Opacity</td><td>D-MWI SO2, NOx, HCl</td></tr>
</table>
</td></tr>
</table>

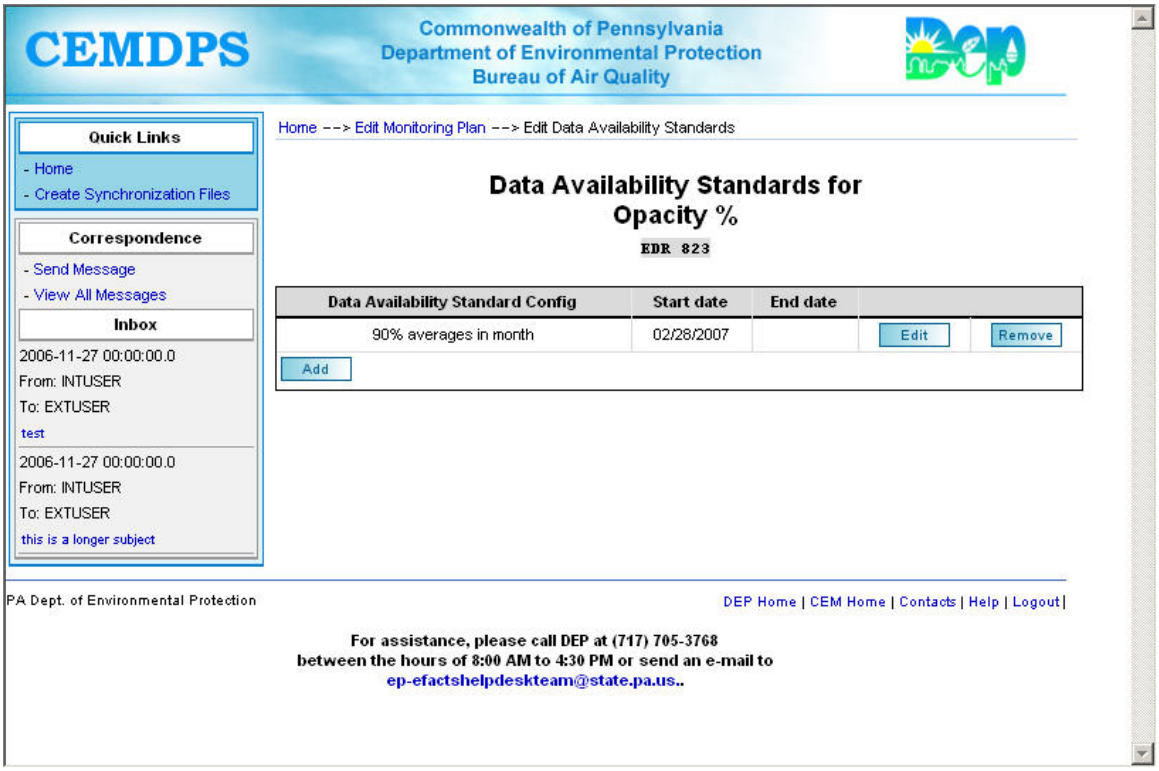
Field Label/Link	Activity
	D-Cement Kiln Opacity D-FFC Opacity D-FFC Opacity October 2004 D-Boiler/General Hourly, Daily SO2, NOx, TRS E-Interim Guidelines Hourly - Temp. Adj Stds E-MWI Minute Temp.
And/Or Flag (for "or'd" Standards)	Use the drop-down list to select *And* or *Or*. If the emission standard applies in addition to any other emission standards (or is the only emission standard), select *And*. If the emission standard is one of a number of alternatives, select *Or*.
Or'd Emission Result ID Code	If the emission standard is one of a number of alternatives, enter the emission result ID code to which the or'd standard applies. Otherwise, leave this field blank.
Or'd Emission Standard ID Code	If the emission standard is one of a number of alternatives, enter the emission standard ID code of the emission result ID code for the or'd standard which applies. Otherwise, leave this field blank.
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Emission Standards* page.
Cancel	Clicking CANCEL returns you to the *Emission Standards* page without saving changes.

Data Availability Standards (EDR 823)

The *Data Availability Standards* page displays a list of data availability standards already configured for an emission result. The page title includes the name of the emission result associated with the standards listed. For example, when you view the data availability standards for an emission result called "Fuel Rate Btu/hr," the page title is *Data Availability Standards for Fuel Rate Btu/hr*. From the *Data Availability Standards* page, you can add a new data availability standard for the emission result or edit or remove an existing standard.

The table below describes the information displayed in the *Data Availability Standards* page and the options available.



Column	Description
Data Availability Standard Config	Displays a list of data availability standards configured for an emission result.
Start Date	Displays the starting date the standard applies.
End Date	Displays the last date the standard applies.

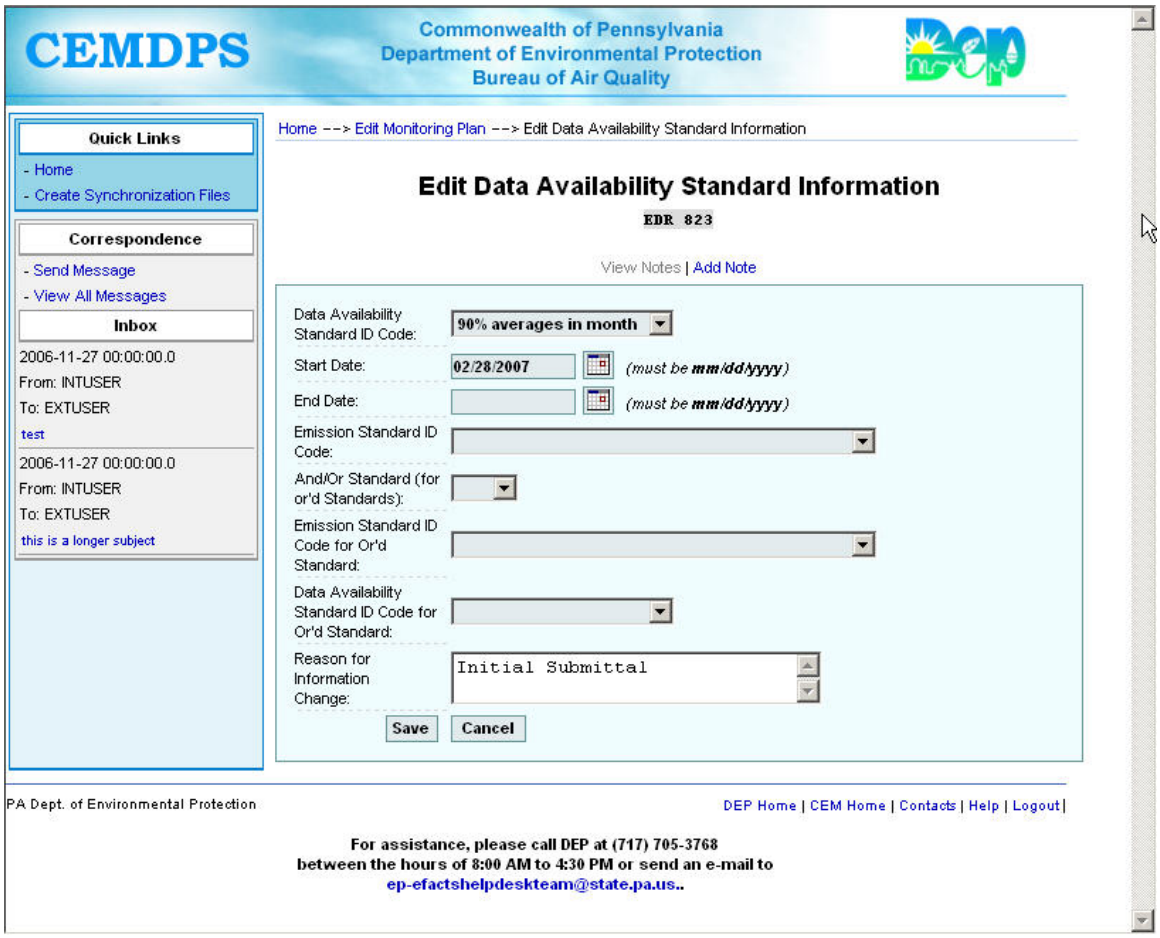
Button	Description
Add	Click ADD to enter a new data availability standard. The *Create Data Availability Standard Information* page displays.
Edit	Click EDIT next to the appropriate data availability standard to make changes to that standard. The *Edit Data Availability Standard Information* page displays.
Remove	Click REMOVE next to the appropriate data availability standard to remove it from the standards list. Clicking this link opens the *Delete*

Button	Description
	<*Item*> page, which allows you to confirm or cancel the deletion.

Create/Edit Data Availability Standard Information (EDR 823)

The *Create/Edit Data Availability Standard* page records information about data availability standards for emission results at a facility. You must enter at least one data availability standard for each emission result.

To add or edit a Data Availability Standard, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Data Availability Standard ID Code	Use the drop-down list to enter the Data Availability Standard ID Code. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

<table>
<tr><th>Field Label/Link</th><th>Activity</th></tr>
<tr><td></td><td>Examples of acceptable values are:

<table><tr><th>Value</th><th>Description</th></tr><tr><td>1</td><td>90% hours in month</td></tr><tr><td>2</td><td>95% hours in quarter</td></tr><tr><td>3</td><td>90% averages in month</td></tr><tr><td>4</td><td>75% averages in month</td></tr><tr><td>5</td><td>85% averages in quarter</td></tr><tr><td>6</td><td>100% hours in quarter</td></tr><tr><td>7</td><td>95% hours in day</td></tr><tr><td>8</td><td>50% hours in 30-day</td></tr><tr><td>9</td><td>23 days in 30-day</td></tr><tr><td>10</td><td>100% hours in day</td></tr></table></td></tr>
<tr><td>Start Date</td><td>Enter the starting date the standard applies in mm/dd/yyyy format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)</td></tr>
<tr><td>End Date</td><td>Enter the last date the standard applies in mm/dd/yyyy format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.) If the standard is still applicable, report 12/31/9999.</td></tr>
<tr><td>Emission Standard ID Code</td><td>Use the drop-down list to enter the Emission Standard ID Code. If the Data Availability Standard is not related to an Emission standard, choose No ESIDC (Use for DA Std Only). The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

<table><tr><th>Value</th><th>Description</th></tr><tr><td>0</td><td>No ESIDC (Use for DA Std Only)</td></tr><tr><td>1</td><td>1-Minute average, 3 exceptions in hour</td></tr><tr><td>2</td><td>1-Minute average, block</td></tr><tr><td>3</td><td>1-day average, block</td></tr><tr><td>4</td><td>Daily averages, 2 exceptions in 30-day</td></tr><tr><td>5</td><td>30-day average, rolling by 1 day</td></tr><tr><td>6</td><td>1-hour average, block</td></tr><tr><td>7</td><td>4-day average, rolling by 1 day</td></tr><tr><td>8</td><td>3-hour average, rolling by 1 hour</td></tr><tr><td>9</td><td>4-hour average, rolling by 1 hour</td></tr><tr><td>10</td><td>8-hour average, rolling by 1 hour</td></tr><tr><td>11</td><td>12-hour average, rolling by 1 hour</td></tr></table></td></tr>
</table>

<table>
<tr><th>Field Label/Link</th><th>Activity</th></tr>
<tr><td></td><td>
<table>
<tr><td>12</td><td>1-Year sum</td></tr>
<tr><td>13</td><td>Std1dev, 3 exceptions in hour</td></tr>
<tr><td>14</td><td>Std1dev, no exceptions</td></tr>
<tr><td>15</td><td>Std2dev, no exceptions</td></tr>
<tr><td>16</td><td>4-hour average, block</td></tr>
<tr><td>17</td><td>12-hour average, block</td></tr>
<tr><td>18</td><td>24-hour average, rolling by 1 hour</td></tr>
<tr><td>19</td><td>6-minute average, block</td></tr>
<tr><td>20</td><td>1-day sum</td></tr>
<tr><td>21</td><td>12-month sum, rolling by 1 month</td></tr>
<tr><td>22</td><td>12-month average, rolling by 1 month</td></tr>
<tr><td>23</td><td>3-hour average, block</td></tr>
<tr><td>24</td><td>7-day average, rolling by 1 day</td></tr>
<tr><td>25</td><td>1-day average, block, geometric</td></tr>
<tr><td>26</td><td>30-Operating-Day operating hour average, by 1 day</td></tr>
<tr><td>27</td><td>1-month average, block</td></tr>
</table>
</td></tr>
<tr><td>And/Or Standard (for or'd Standards)</td><td>Use the drop-down list to enter the And/Or Standard for or'd standards. Acceptable values are:

• And (A) - The data availability standard applies in addition to any other data availability standards, or is the only data availability standard.
• Or (O) - The data availability standard is one of a number of alternatives</td></tr>
<tr><td>Emission Standard ID Code for or'd Standard</td><td>If the Emission Standard is one of a number of alternatives, use the drop-down list to enter the Emission Standard ID Code for Or'd Standard. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

<table>
<tr><td>Value</td><td>Description</td></tr>
<tr><td>0</td><td>No ESIDC (Use for DA Std Only)</td></tr>
<tr><td>1</td><td>1-Minute average, 3 exceptions in hour</td></tr>
<tr><td>2</td><td>1-Minute average, block</td></tr>
<tr><td>3</td><td>1-day average, block</td></tr>
<tr><td>4</td><td>Daily averages, 2 exceptions in 30-day</td></tr>
<tr><td>5</td><td>30-day average, rolling by 1 day</td></tr>
<tr><td>6</td><td>1-hour average, block</td></tr>
<tr><td>7</td><td>4-day average, rolling by 1 day</td></tr>
<tr><td>8</td><td>3-hour average, rolling by 1 hour</td></tr>
<tr><td>9</td><td>4-hour average, rolling by 1 hour</td></tr>
<tr><td>10</td><td>8-hour average, rolling by 1 hour</td></tr>
<tr><td>11</td><td>12-hour average, rolling by 1 hour</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><th>Field Label/Link</th><th>Activity</th></tr>
<tr><td></td><td>
<table>
<tr><td>12</td><td>1-Year sum</td></tr>
<tr><td>13</td><td>Std1dev, 3 exceptions in hour</td></tr>
<tr><td>14</td><td>Std1dev, no exceptions</td></tr>
<tr><td>15</td><td>Std2dev, no exceptions</td></tr>
<tr><td>16</td><td>4-hour average, block</td></tr>
<tr><td>17</td><td>12-hour average, block</td></tr>
<tr><td>18</td><td>24-hour average, rolling by 1 hour</td></tr>
<tr><td>19</td><td>6-minute average, block</td></tr>
<tr><td>20</td><td>1-day sum</td></tr>
<tr><td>21</td><td>12-month sum, rolling by 1 month</td></tr>
<tr><td>22</td><td>12-month average, rolling by 1 month</td></tr>
<tr><td>23</td><td>3-hour average, block</td></tr>
<tr><td>24</td><td>7-day average, rolling by 1 day</td></tr>
<tr><td>25</td><td>1-day average, block, geometric</td></tr>
<tr><td>26</td><td>30-Operating-Day operating hour average, by 1 day</td></tr>
<tr><td>27</td><td>1-month average, block</td></tr>
</table>
</td></tr>
<tr><td>Data Availability Standard ID Code for Or'd Standard</td><td>If the Data Availability Standard is one of a number of alternatives, use the drop-down list to enter the Data Availability Standard ID Code for Or'd Standard. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

<table>
<tr><th>Value</th><th>Description</th></tr>
<tr><td>1</td><td>90% hours in month</td></tr>
<tr><td>2</td><td>95% hours in quarter</td></tr>
<tr><td>3</td><td>90% averages in month</td></tr>
<tr><td>4</td><td>75% averages in month</td></tr>
<tr><td>5</td><td>85% averages in quarter</td></tr>
<tr><td>6</td><td>100% hours in quarter</td></tr>
<tr><td>7</td><td>95% hours in day</td></tr>
<tr><td>8</td><td>50% hours in 30-day</td></tr>
<tr><td>9</td><td>23 days in 30-day</td></tr>
<tr><td>10</td><td>100% hours in day</td></tr>
</table>
</td></tr>
</table>

Field Label/Link	Activity
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Data Availability Standards* page.
Cancel	Clicking CANCEL returns you to the *Data Availability Standards* page without saving changes.

CEMS

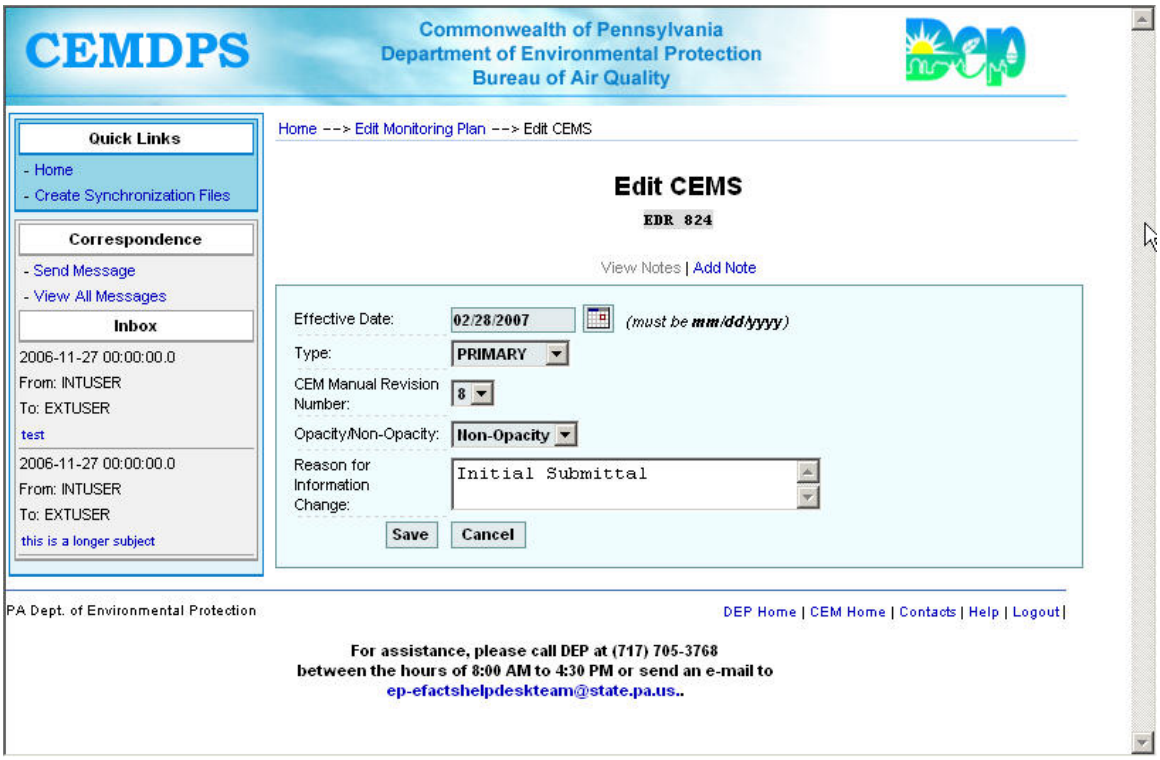
Create/Edit CEMS (EDR 824)

The *Create/Edit CEMS* page records information about CEMSs for each emission result at a facility. A CEMS represents the monitoring system used to collect and report data for a particular emission result. You must create at least one CEMS for each emission result.

Notes

- Each CEMS must be associated with one and only one emission result.
- Each CEMS must have one or more analyzers (measurement devices).

To add or edit a CEMS, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the information in *mm/dd/yyyy* format or click the calendar con to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
Type	Use the drop-down list to enter whether the CEMS is the Primary

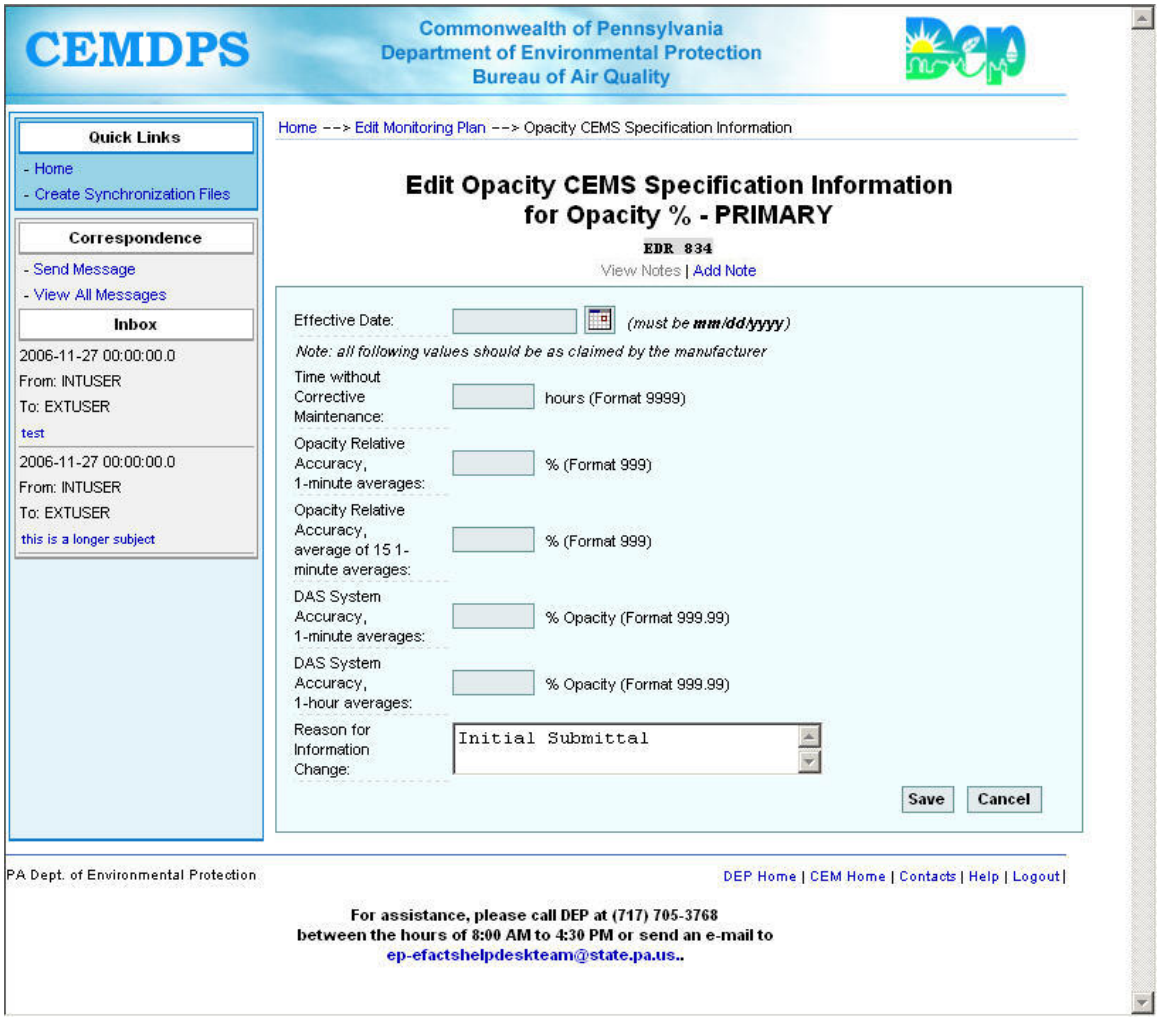
Field Label/Link	Activity
	CEMS, or a Backup or Standby CEMS as follows: *Primary CEMS* Only one Primary CEMS is allowed. Data from this CEMS must be reported unless they are invalid and other Standby or Backup CEMSs exist. *Standby CEMS* You may have one to 100 Standby CEMSs. CEMSs must be installed and undergoing all normal operation and quality assurance requirements. Data from Standby CEMSs may be used if the data from the Primary CEMS are invalid. Data from Standby CEMSs must be used from the first Standby CEMS with valid data in number order from lowest to highest. *Backup CEMS* You may have one to 100 Backup CEMSs. Backup CEMSs are installed only when needed. Quality assurance checks must be conducted prior to use of data from Backup CEMSs. Data from Backup CEMSs may be used if the data from the Primary CEMS and all -- if any -- Standby CEMSs are invalid. Data from Backup CEMSs must be used from the first Backup CEMS with valid data in number order from lowest to highest.
CEM Manual Revision Number	Use the drop-down list to enter the CEM Manual Revision Number under which the CEMS has obtained or is requesting approval.
Opacity/Non-Opacity	Use the drop-down list to enter whether the CEMS is for an *Opacity* or *Non-Opacity* analyzer.
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

Create/Edit Opacity CEMS Specification Information (EDR 834)

The *Create/Edit Opacity CEMS Specification Information* page records information about opacity CEMSs. You must enter specification information for each opacity CEMS at a facility.

To add or edit Opacity CEMS Specification Information, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the information in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date

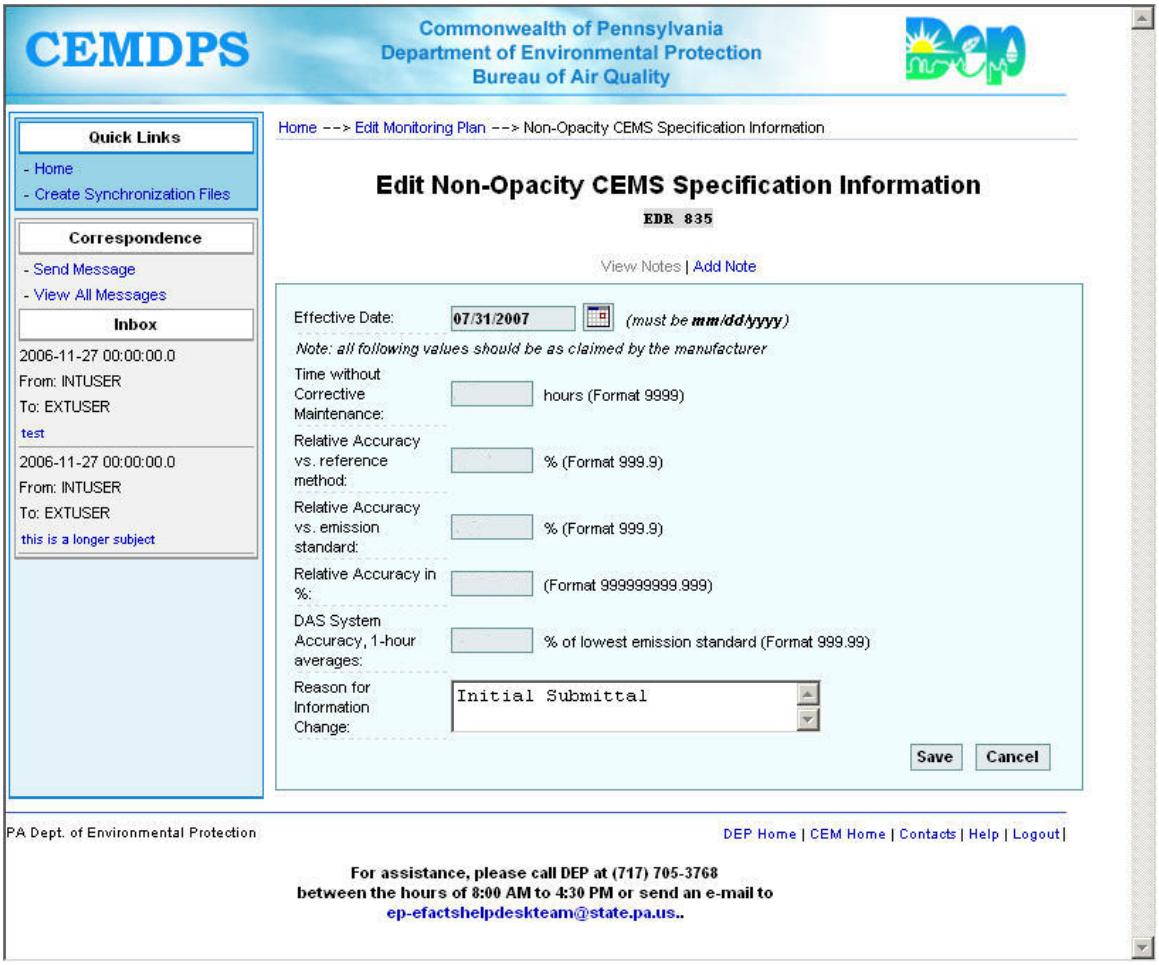
Field Label/Link	Activity
	Selection for information on using the calendar to choose a date.)
Time without Corrective Maintenance	Enter the Manufacturer's Claimed Time Without Corrective Maintenance in hours.
Opacity Relative Accuracy, 1-minute averages	Enter the Claimed Opacity Relative Accuracy, 1-minute Averages, in integer %.
Opacity Relative Accuracy, average of 15 1-minute averages	Enter the Claimed Opacity Relative Accuracy, Average of 15 1-minute Averages, in % in F3.1 format.
DAS System Accuracy, 1-minute averages	Enter the Manufacturer's Claimed DAS System Accuracy, 1-minute Averages, in % Opacity in F6.2 format.
DAS System Accuracy, 1-hour averages	Enter the Manufacturer's Claimed DAS System Accuracy, 1-hour Averages, in % Opacity in F6.2 format.
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

Create/Edit Non-Opacity CEMS Specification Information (EDR 835)

The *Create/Edit Non-Opacity CEMS Specification Information* page records information about non-opacity CEMSs. You must enter specification information for each non-opacity CEMS at a facility.

To add or edit Non-Opacity CEMS Specification Information, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the information in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)

Field Label/Link	Activity
Time without Corrective Maintenance	Enter the manufacturer's claimed Time Without Corrective Maintenance in hours.
Relative Accuracy vs. reference method	Enter the manufacturer's claimed Relative Accuracy vs Reference Method in % in F5.1 format.
Relative Accuracy vs. emission standard	Enter the manufacturer's claimed Relative Accuracy vs Emission Standard in % in F5.1 format.
Relative Accuracy in <units>	Enter the manufacturer's claimed Relative Accuracy in Btu/hr in % in F13.3 format.
DAS System Accuracy, 1-hour averages	Enter the manufacturer's claimed DAS System Accuracy, 1-hour Averages, in % opacity in F6.2 format.
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

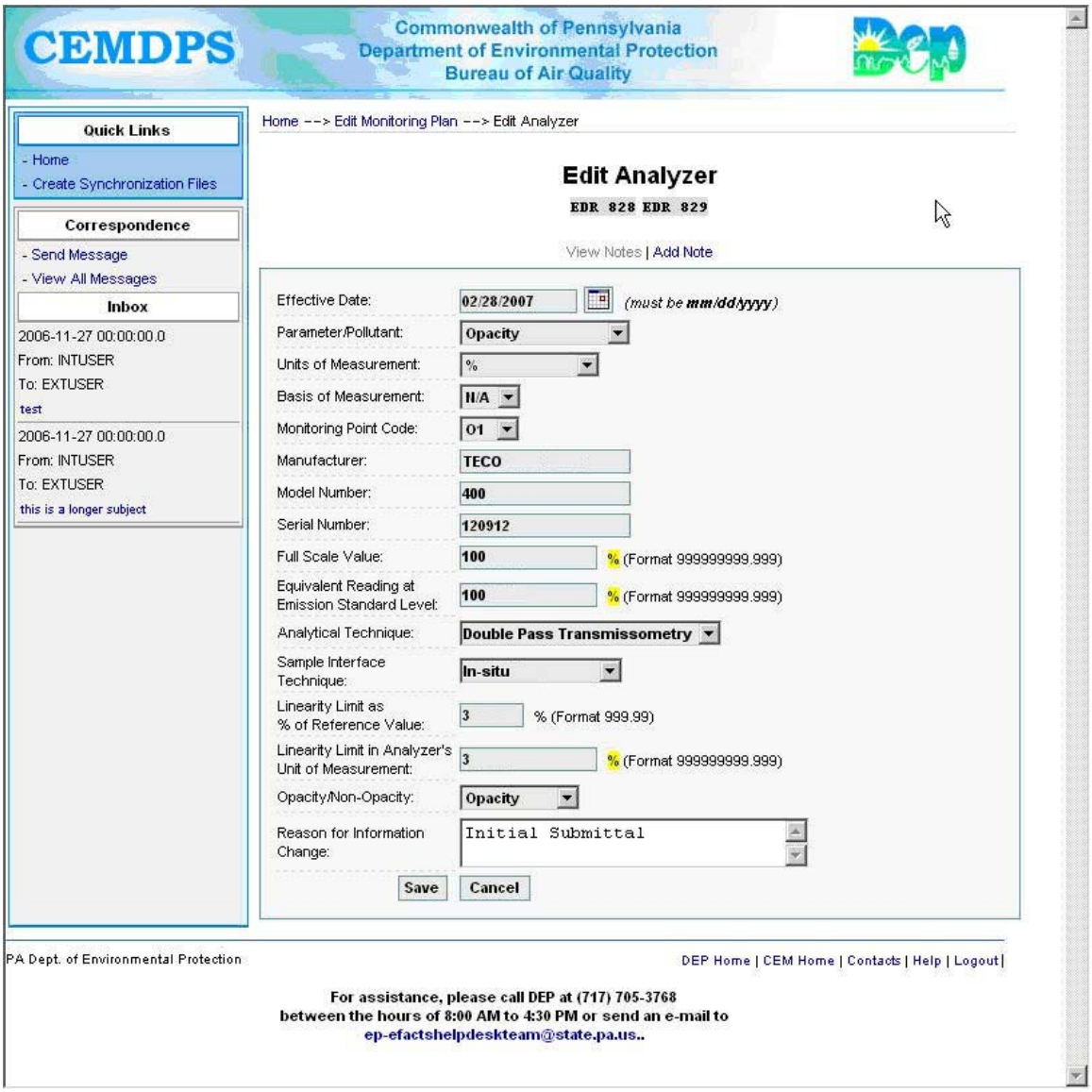
Analyzers

Create/Edit Analyzer (EDR 828/829)

The *Create/Edit Analyzer* page records information about analyzers at your facility. An analyzer represents a measurement device (or other component, data acquisition system (DAS), etc.) used to monitor an emission or operational parameter for a particular source combination. If your facility has multiple analyzers, you must enter and save information using this page for each existing or proposed new analyzer.

Notes: Each analyzer must be associated with one or more CEMSs for a particular source combination.

To add or edit an analyzer, follow the instructions for each field, as listed below.



<table>
<tr><th>Field Label/Link</th><th>Activity</th></tr>
<tr><td>View Notes</td><td>Clicking the View Notes link opens the View Notes page, which allows you to view all notes associated with this item.

Note: This link is active only in the online CEMDPS application.</td></tr>
<tr><td>Add Note</td><td>Clicking the Add Note link opens the Add Note page, which allows you to enter a note for this item.

Note: This link is active only in the online CEMDPS application.</td></tr>
<tr><td>Effective Date</td><td>Enter the effective date of the information in mm/dd/yyyy format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)</td></tr>
<tr><td>Parameter/Pollutant</td><td>Use the drop-down list to enter the Parameter/Pollutant for the analyzer. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

<table>
<tr><td>CE</td><td>CO</td><td>C02</td><td>Culm Gas %</td></tr>
<tr><td>Flow</td><td>Fuel Rate</td><td>H2O</td><td>H2S</td></tr>
<tr><td>HC</td><td>HCl</td><td>HCl Reduction</td><td>Heat Input</td></tr>
<tr><td>NO</td><td>NO2</td><td>NOx</td><td>NOx Allowable</td></tr>
<tr><td>O2</td><td>Opacity</td><td>Pressure</td><td>SO2</td></tr>
<tr><td>SO2 Allowable</td><td>SO2 Reduction</td><td>Steam Flow</td><td>Temperature</td></tr>
<tr><td>TRS</td><td>VCM</td><td>VOC</td><td></td></tr>
</table>
</td></tr>
<tr><td>Units of Measurement</td><td>Use the drop-down list to enter the Units of Measurement. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

<table>
<tr><td>%</td><td>Btu/hr</td><td>cfh</td><td>Cfm</td></tr>
<tr><td>Degrees F</td><td>gph</td><td>gpm</td><td>lbs/hr</td></tr>
<tr><td>lbs/Mbtu</td><td>lbs/ton</td><td>Mbtu/hr</td><td>Mcfh</td></tr>
<tr><td>ppm</td><td>psi</td><td></td><td></td></tr>
</table>
</td></tr>
<tr><td>Basis of Measurement</td><td>Use the drop-down list to enter the Basis of Measurement. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

Wet
Dry
N/A

</td></tr>
<tr><td>Monitoring Point Code</td><td>Use the drop-down list to enter the Monitoring Point Code. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a</td></tr>
</table>

<table>
<tr><th>Field Label/Link</th><th>Activity</th></tr>
<tr><td></td><td>new value be added.

Examples of acceptable values are:

• For outlet, use letter O followed by numeral to uniquely identify analyzer
• For inlet, use letter I followed by numeral to uniquely identify analyzer
• For Primary Temperature, use letter P followed by numeral to uniquely identify analyzer
• For Secondary Temperature, use letter S followed by numeral to uniquely identify analyzer</td></tr>
<tr><td>Manufacturer</td><td>Enter the Manufacturer Name for the analyzer.</td></tr>
<tr><td>Model Number</td><td>Enter the Model Number for the analyzer.</td></tr>
<tr><td>Serial Number</td><td>Enter the Serial Number for the analyzer. If the actual analyzer has not yet been received, leave this field blank and upon reception of the analyzer, submit a record type 829 with the Reason For Information Change Flag set to R in order to correct the Serial Number information.</td></tr>
<tr><td>Full Scale Value</td><td>Enter the Full Scale Value for the analyzer in units of analyzer measurement in the format F13.3.</td></tr>
<tr><td>Equivalent Reading at Emission Standard Level</td><td>Enter the Equivalent Reading at Emission Level for the analyzer at the lowest applicable emission standard in the format F13.3. Determination of this value is explained in the Continuous Source Monitoring Manual.</td></tr>
<tr><td>Analytical Technique</td><td>Use the drop-down list to enter the Analytical Technique. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:

<table>
<tr><td>2nd Derivative UV</td><td>Chemiluminescence</td><td>Coulometric Titration</td></tr>
<tr><td>Differential Pressure</td><td>Diffusion/absorption</td><td>Double Pass Transmissometry</td></tr>
<tr><td>Electrochemical Cell</td><td>Fluorescence</td><td>Fuel Cell</td></tr>
<tr><td>Fuel Sampling</td><td>GC</td><td>Ion Mobility Spectrometry</td></tr>
<tr><td>IRGFC</td><td>Lead Acetate Tape</td><td>NA</td></tr>
<tr><td>NDIR</td><td>NDUV</td><td>Orifice Plate</td></tr>
<tr><td>Paramagnetic</td><td>Single Pass Transmissometry</td><td>Thermal Mass Flow</td></tr>
<tr><td>Thermocouple</td><td>Ultrasonic</td><td>UV Diode Array</td></tr>
<tr><td>Vortex Flowmeter</td><td>Wheel Meter</td><td></td></tr>
</table>
</td></tr>
<tr><td>Sample Interface Technique</td><td>Use the drop-down list to enter the Sample Interface Technique. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added.

Examples of acceptable values are:</td></tr>
</table>

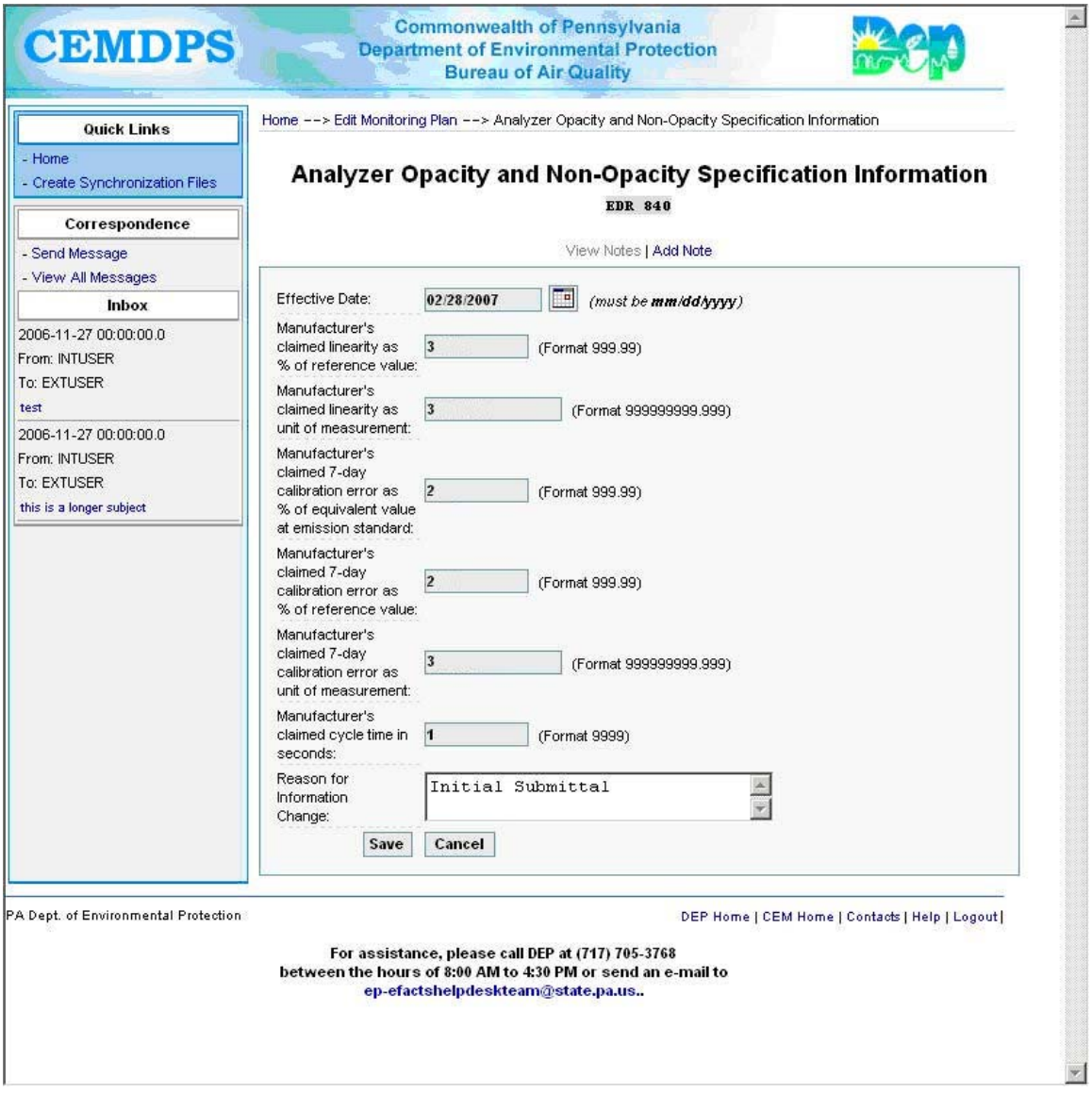
Field Label/Link	Activity
	• Extractive • Dilution Extractive • In-situ • Dilution In-situ • Not Applicable
Linearity Limit as % of Reference Value	Enter the Linearity Limit as % of Reference Value for the analyzer in F6.2 format.
Linearity Limit in Analyzer's Unit of Measurement	Enter the Linearity Limit in Units of Measurement for the analyzer in F13.3 format.
Opacity/Non-Opacity	Use the drop-down list to enter whether the analyzer is *Opacity* or *Non-Opacity*.
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

Create/Edit Analyzer Opacity and Non-Opacity Specification Information (EDR 840)

The *Create/Edit Analyzer Opacity and Non-Opacity Specification Information* page records manufacturer's claimed linearity, 7-day calibration, and cycle time for both opacity and non-opacity analyzers. You must enter this specification information for every analyzer at a facility.

To add or edit Analyzer Opacity and Non-Opacity Specification Information, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.

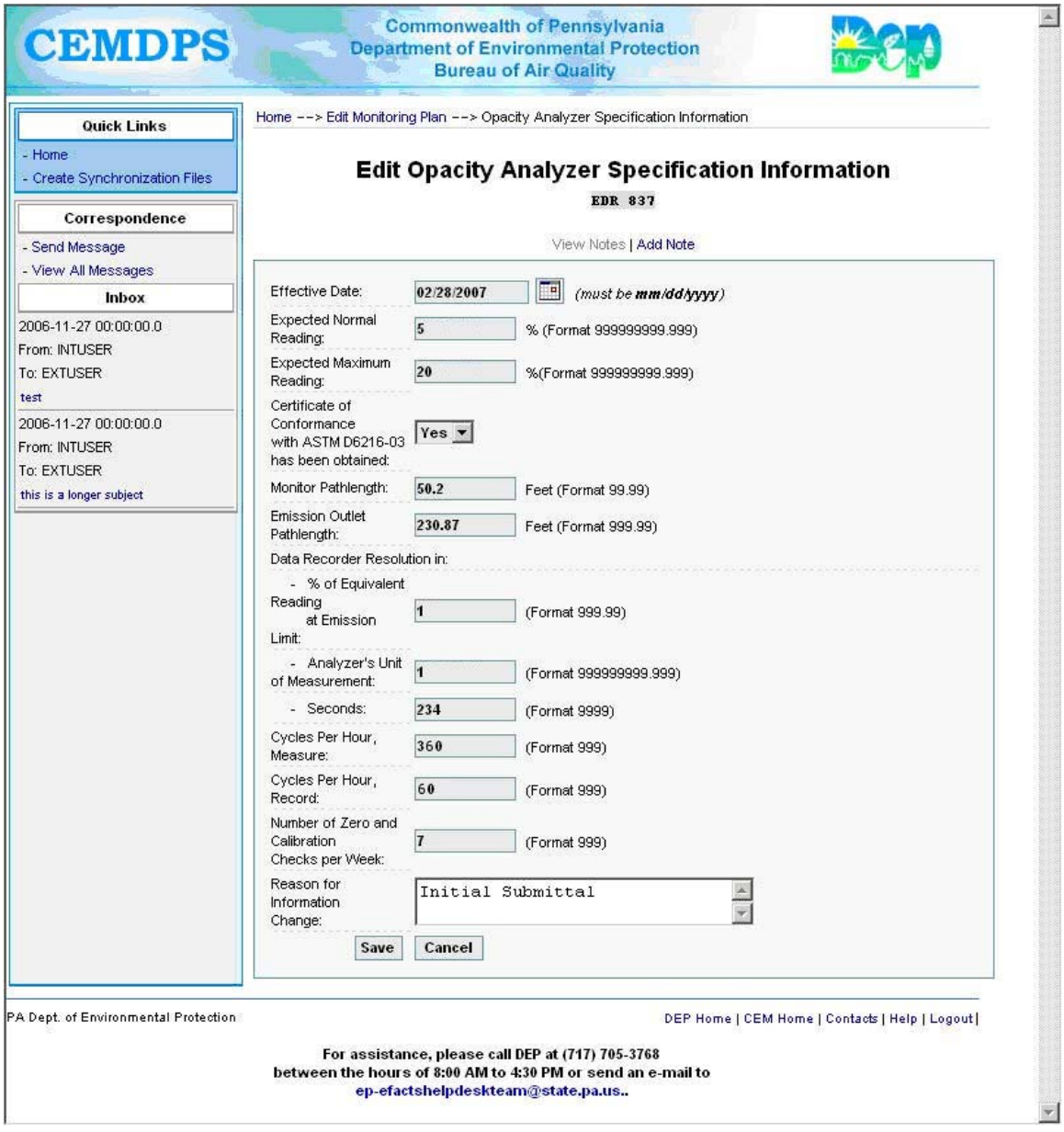
Field Label/Link	Activity
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the information in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
Manufacturer's claimed linearity as % of reference value	Report the Manufacturer's Claimed Linearity as % of Reference Value in F6.2 format.
Manufacturer's claimed linearity as unit of measurement	Report the Manufacturer's Claimed Linearity as Units of Measurement in F13.3 format.
Manufacturer's claimed 7-day calibration error as % of equivalent value at emission standard	Report the Manufacturer's Claimed 7-day Calibration Error as % of Equivalent Value at Emission Standard in F6.2 format.
Manufacturer's claimed 7-day calibration error as % of reference value	Report the Manufacturer's Claimed 7-day Calibration Error as % of Reference Value in F6.2 format.
Manufacturer's claimed 7-day calibration error as unit of measurement	Report the Manufacturer's Claimed 7-day Calibration Error as Units of Measurement in F13.3 format.
Manufacturer's claimed cycle time in seconds	Report the Manufacturer's Claimed Cycle Time in I4 format.
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

Create/Edit Opacity Analyzer Specification Information (EDR 837)

The *Create/Edit Opacity Analyzer Specification Information* page records information about opacity analyzers. You must enter specification information for each opacity analyzer at a facility.

To add or edit Opacity Analyzer Specification Information, follow the instructions for each field, as listed below. When finished, click SAVE at the bottom of the page.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.

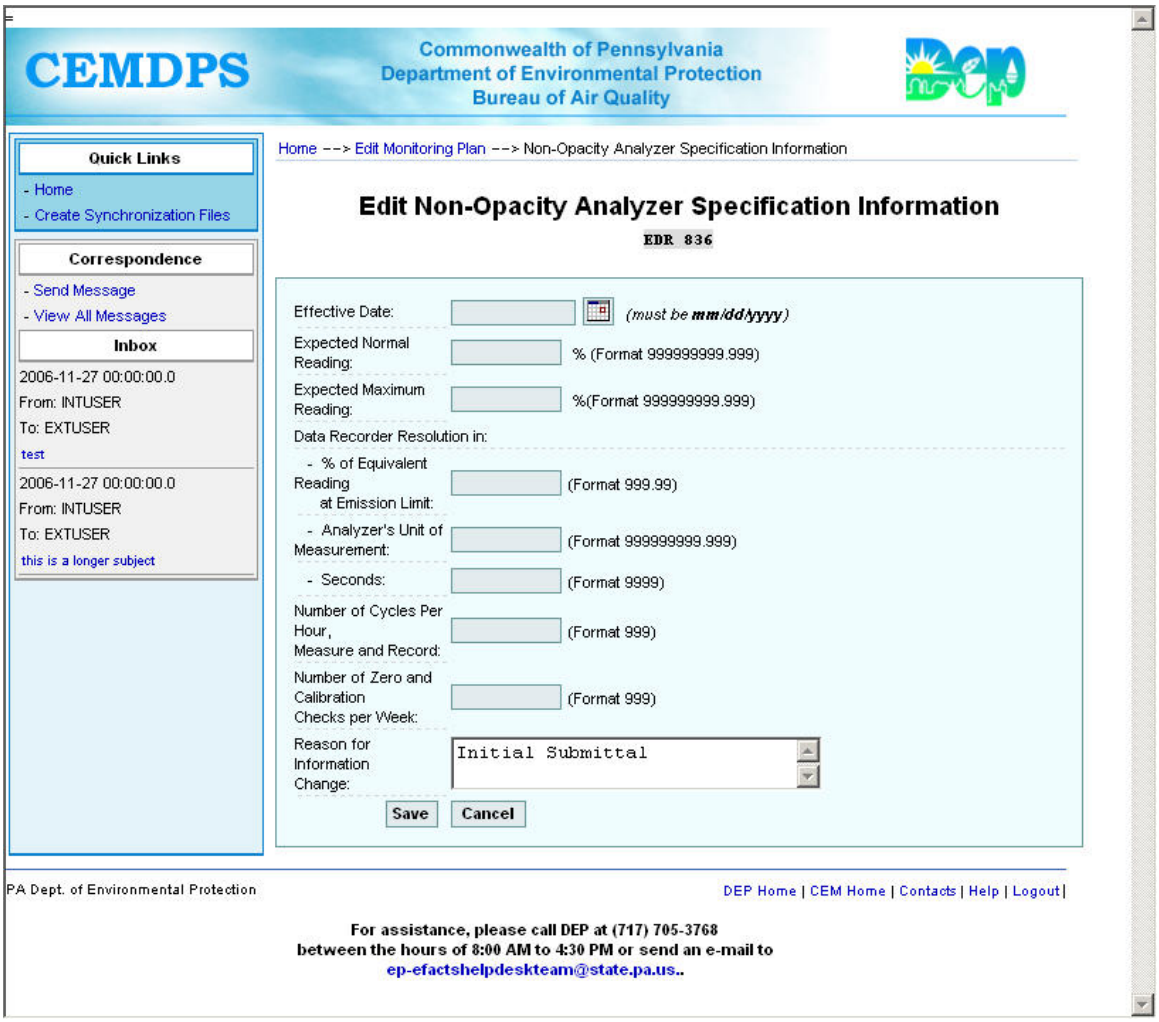
Field Label/Link	Activity
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the information in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
Expected Normal Reading	Enter the Expected Normal Reading for the analyzer in the analyzer's units of measurement in F13.3 format.
Expected Maximum Reading	Enter the Expected Maximum Reading for the analyzer in the analyzer's units of measurement in F13.3 format.
Certificate of Conformance with ASTM D6216-03 has been obtained	Use the drop-down list to answer *Yes* or *No*.
Monitor Pathlength	Enter the Monitor Pathlength in feet in F5.2 format.
Emission Outlet Pathlength	Enter the Emission Outlet Pathlength in feet in F6.2 format.
Data Recorder Resolution in:	
% of Equivalent Reading at Emission Limit	Enter the Data Recorder Resolution in % of Equivalent Reading at Emission Limit in F6.2 format.
Analyzer's Unit of Measurement	Enter the Data Recorder Resolution in Unit of Measurement in F13.3 format.
Seconds	Enter the Data Recorder Resolution in Seconds in I4 format.
Number of Cycles Per Hour, Measure	Enter the Number of Cycles per Hour, Measure in I3 format.
Number of Cycles Per Hour, Record	Enter the Number of Cycles per Hour, Record in I3 format.
Number of Zero and Calibration Checks per Week	Enter the Number of Zero and Calibration Checks per Week in I3 Format.
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

Create/Edit Non-Opacity Analyzer Specification Information (EDR 836)

The *Create/Edit Non-Opacity Analyzer Specification Information* records information about non-opacity analyzers. You must enter specification information for each non-opacity analyzer at a facility.

To add or edit Non-Opacity Analyzer Specification Information, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the information in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date

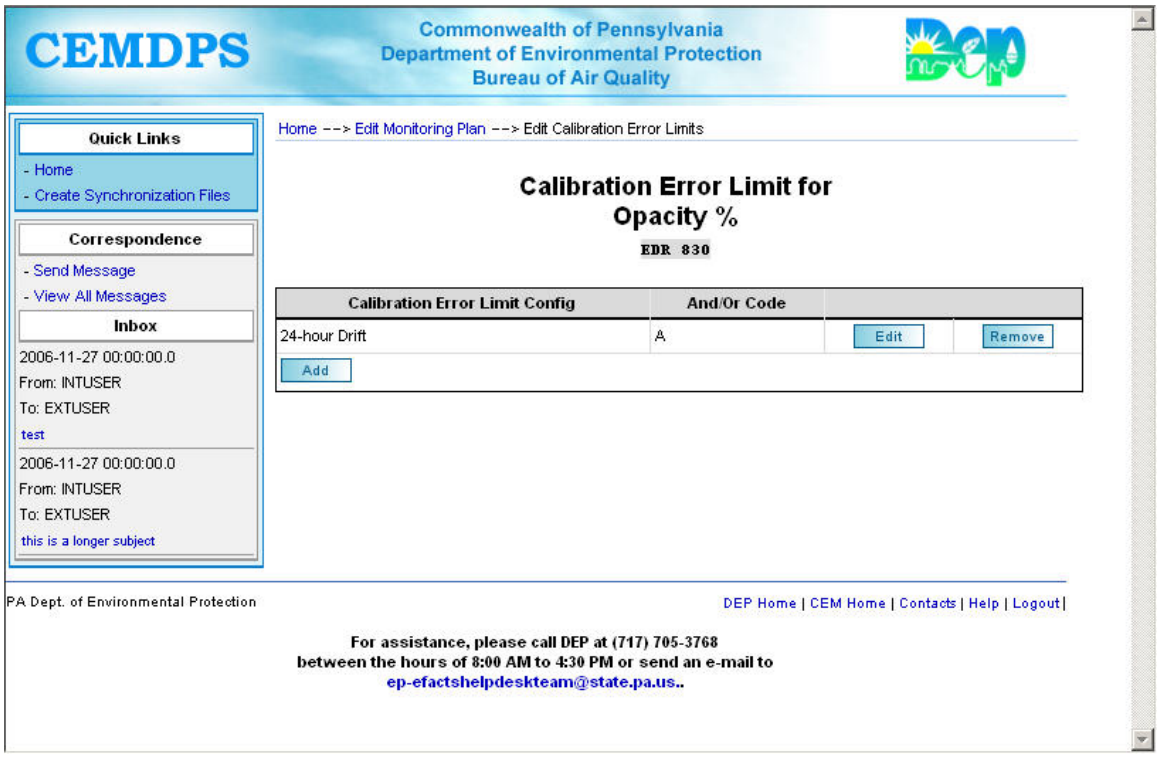
Field Label/Link	Activity
	Selection for information on using the calendar to choose a date.)
Expected Normal Reading	Enter the Expected Normal Reading for the analyzer in units of measurement in F13.3 format.
Expected Maximum Reading	Enter the Expected Maximum Reading for the analyzer in units of measurement in F13.3 format.
Data Recorder Resolution in:	
% of Equivalent Reading at Emission Limit	Enter the Data Recorder Resolution in % of Equivalent Reading at Emission Limit in F6.2 format.
Analyzer's Unit of Measurement	Enter the Data Recorder Resolution in Unit of Measurement in F13.3 format.
Seconds	Enter the Data Recorder Resolution in Seconds in I4 format.
Number of Cycles Per Hour, Measure and Record	Enter the Number of Cycles Per Hour, Measure and Record in I3 format.
Number of Zero and Calibration Checks per Week	Enter the Number of Zero and Calibration Checks per Week in I3 format.
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Monitoring Plan* page.
Cancel	Clicking CANCEL returns you to the *Monitoring Plan* page without saving changes.

Calibration Error Limit (EDR 830)

The *Calibration Error Limits* page displays a list of calibration error limits already configured for an analyzer. The page title includes the name of the analyzer associated with the calibration error limits listed. For example, when you view the calibration error limits for an analyzer called "Opacity %," the page title is *Calibration Error Limit for Opacity %*. From the *Calibration Error Limit* page, you can add a calibration error limit for the analyzer or edit or remove an existing limit.

The table below describes the information displayed in the *Calibration Error Limit* page and the options available.



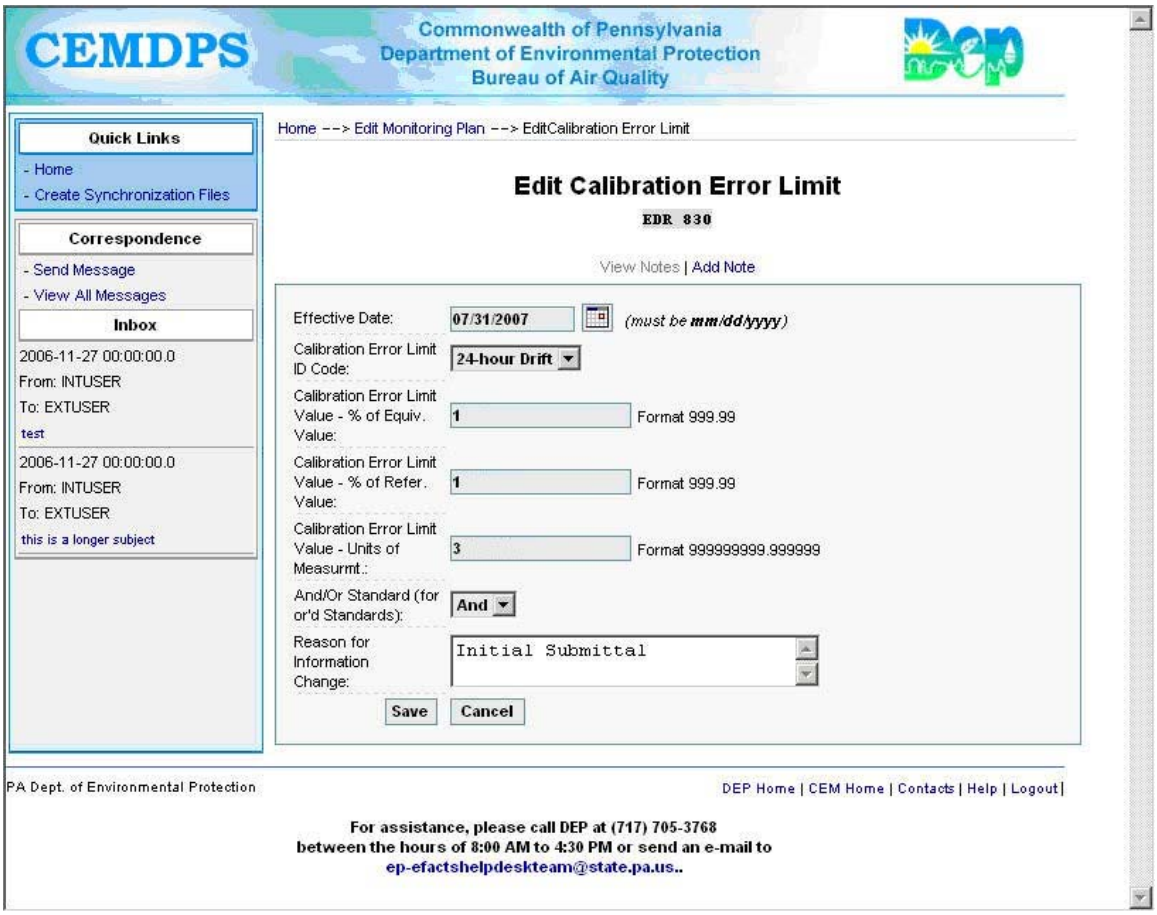
Column	Description
Calibration Error Limit Config	Displays a list of calibration error limits configured for an analyzer
And/Or Code	Displays the And/Or designation for the error limit

Button	Description
Add	Click ADD to enter a new calibration error limit. The *Create/Edit Calibration Error Limit* page displays.
Edit	Click EDIT next to the appropriate error limit to make changes to that limit. The *Create/Edit Calibration Error Limit* page displays.
Remove	Click REMOVE next to the appropriate error limit to remove it from the error limits list. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

Create/Edit Calibration Error Limit (EDR 830)

The *Create/Edit Calibration Error Limit* page records information about calibration error limits for analyzers. You must enter at least one calibration error limit for each analyzer at a facility.

To add or edit a Calibration Error Limit, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Effective Date	Enter the effective date of the information in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
Calibration Error Limit ID Code	Use the drop-down list to enter the Calibration Error Limit ID Code. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to

Field Label/Link	Activity
	request that a new value be added. Examples of acceptable values are: • 2-hour (2) • 24-hour (24)
Calibration Error Limit Value - % of Equiv. Value	Enter the Calibration Error Limit Value - % of Equiv. Value (as specified in the Continuous Source Monitoring Manual) in the format F6.2.
Calibration Error Limit Value - % of Refer. Value	Enter the Calibration Error Limit Value - % of Refer. Value (as specified in the Continuous Source Monitoring Manual) in the format F6.2.
Calibration Error Limit Value - Units of Measurmt	Enter the Calibration Error Limit Value - Units of Measurement (as specified in the Continuous Source Monitoring Manual) in the format F6.2.
And/Or Standard (for or'd Standards)	Use the drop-down list to enter *And*, since currently all calibration error standards are "And'd".
Reason for Information Change	Enter a reason for information change up to 50 characters. Before you submit the monitoring plan for the first time, the default text in this text box is *Initial Submittal* and it is **not** editable.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Calibration Error Limit* page.
Cancel	Clicking CANCEL returns you to the *Calibration Error Limit* page without saving changes.

Test Protocols

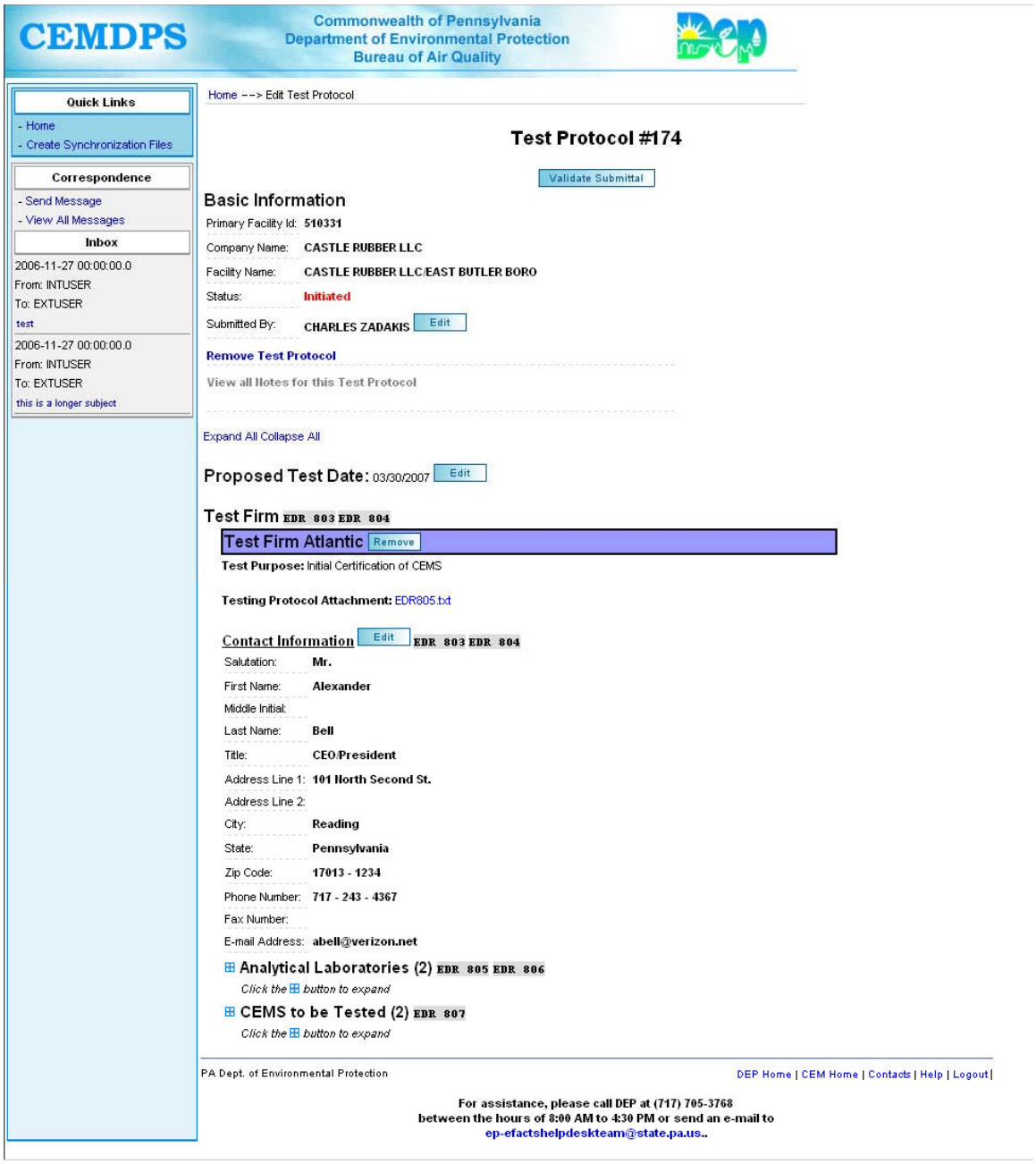
Test Protocol

The *Test Protocol* page displays the proposed test date, testing firm, analytical labs, and CEMSs to be tested for a particular test protocol. The page title includes the test protocol ID.

From this page you can add or adjust the test date and add or edit the test firm, analytical labs, and CEMSs to be tested. Using the expand (+) and collapse (-) symbols, you can display or hide information as follows:

- Click the plus sign (+) in front of any heading to view more detailed information about that heading or to access more options. Information and available options display indented beneath the heading expanded.
- Click the minus sign (-) in front of any heading to collapse (hide) the details displayed beneath it.
- Click the Expand All link to display all information and options beneath all headings at once.
- Click the Collapse All link to collapse the entire hierarchy of information, hiding all details except for the main headings.

The following sections describe the options available on the *Test Protocol* page.



Basic Information

The Basic Information section displays four pieces of information associated with the test protocol as follows:

Field Label	Description
Primary Facility Id	Displays the facility ID for which the test protocol is being submitted.
Company	Displays the name of the company associated with the test protocol.
Facility	Displays the name of the facility associated with the test protocol.
Status	Displays the status of the test protocol as follows:

<table>
<tr><th>Field Label</th><th>Description</th></tr>
<tr><td></td><td>
<table>
<tr><th>Status</th><th>Description</th></tr>
<tr><td>Initiated</td><td>A test protocol is considered Initiated if you have begun entering data for your test protocol but have not yet submitted the information for DEP review. Only facility users may work with the submittal package while it has this status.</td></tr>
<tr><td>Submitted</td><td>A test protocol is considered Submitted if you have submitted your test protocol information for DEP review. Only DEP reviewers and approvers may work with the submitted data when the test protocol has this status. You will be able to view the information, but not change it.</td></tr>
<tr><td>Submitted (Partial Submittal)</td><td>This status is similar to the Submitted status, but is used to identify a partial submittal. Partial Submittals normally occur with quarterly reports.</td></tr>
<tr><td>Review</td><td>Once you submit your test protocol, the status changes to Review as DEP reviewers examine your submittal.</td></tr>
<tr><td>Revision</td><td>If DEP reviewers find issues with a submittal, they may reject it and request that data be changed or verified by the facility. In this instance, the test protocol is given the status of Revision, and you may revise the information and resubmit the plan. Only facility users may work with the test protocol information while it has this status.</td></tr>
<tr><td>Review Complete</td><td>After reviewers evaluate and render a decision on the test protocol submission, they move the test protocol into Review Complete status. At this point, the submission is waiting for a DEP approver to login and verify the reviewer's decision. No one can change the test protocol submission through the CEMDPS application while it has this status. Approvers automatically receive an email notification indicating that a reviewed submission is awaiting their approval.</td></tr>
<tr><td>Approved</td><td>This is the final status of a submission. This status indicates that an approver approved the decision made by a reviewer. When the submission enters Approved status, you, and other defined users at your facility, automatically receive an email notification from the CEMDPS. No one may change the test protocol data through the CEMDPS once it reaches this status. Facility users and DEP approvers and reviewers may still view the test protocol information through the PDF file.</td></tr>
<tr><td>Hold</td><td>A reviewer or approver may place the test protocol submission in Hold status. The Hold status remains until the submission is reassigned.</td></tr>
</table>
</td></tr>
<tr><td>Submitted By</td><td>Displays the name of the person who submitted the test protocol.</td></tr>
</table>

Button	Description
Add	The ADD button displays when no submitter information is specified. Click ADD to enter submitter information for the test protocol. The *Create Submitter Information* page displays.
Edit	The EDIT button displays when submitter information is already specified. Click EDIT to edit submitter information for the test protocol. The *Edit Submitter Information* page displays.

The Remove Test Protocol Link

The Remove Test Protocol link lets you delete the test protocol. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

The View all Notes for this Test Protocol Link

The View all Notes for this Test Protocol link opens the *View Notes* page and allows you to view all notes associated with the components of the test protocol.

Note: The View all Notes for this Test Protocol link is available only in the online CEMDPS application.

Proposed Test Date

This area displays the proposed test date entered for the test protocol. To edit the proposed test date, click EDIT to access the *Set Proposed Testing Date* page.

Test Firm

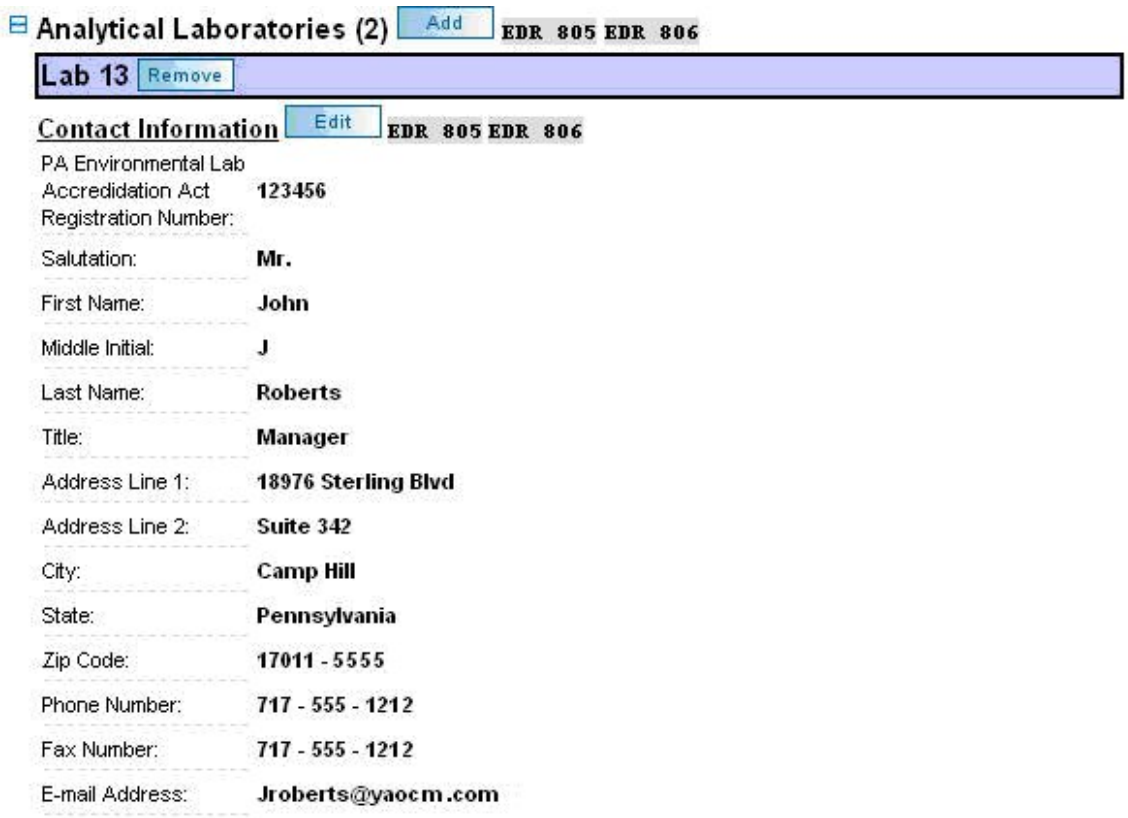
This area displays the test firm associated with the test protocol and includes the test purpose, the test protocol attachment, and contact information for the test firm. The EDR numbers associated with configuring test firms display for your convenience.

Options available for configuring test firms appear in the table below.

Button	Description
Edit	Click EDIT next to the test firm to make changes to that firm. The *Create/Edit Testing Firm* page displays.
Remove	Click REMOVE next to the test firm to remove that firm from the test protocol. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

Analytical Laboratories

The Analytical Laboratories heading appears underneath the test firm. The number of laboratories associated with the test firm appears in parentheses next to the heading. When you expand (+) the Analytical Laboratories heading, each lab's name displays highlighted in purple with the lab's contact information underneath. The EDR numbers associated with configuring analytical laboratories display for your convenience.

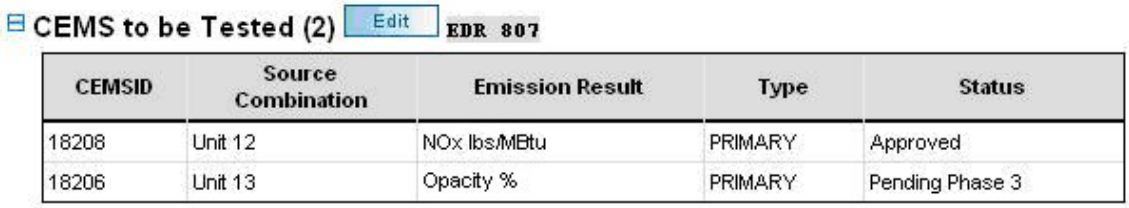


Options available for configuring analytical laboratories appear in the table below.

Button	Description
Add	Click ADD to enter a new analytical laboratory. The *Create/Edit Analytical Laboratory* page displays.
Edit	Click EDIT next to the appropriate analytical laboratory to make changes to that lab. The *Create/Edit Analytical Laboratory* page displays.
Remove	Click REMOVE next to the appropriate analytical laboratory to remove that laboratory from the test firm.

CEMS to be Tested

The CEMS to be Tested heading also appears underneath each test firm. The number of CEMS to be tested associated with a test firm appears in parentheses next to the heading. When you expand (+) the CEMS to be Tested heading, a table listing each CEMS to be tested displays underneath, and the EDR number associated with configuring CEMS to be tested displays for your convenience.



CEMSID	Source Combination	Emission Result	Type	Status
18208	Unit 12	NOx lbs/MBtu	PRIMARY	Approved
18206	Unit 13	Opacity %	PRIMARY	Pending Phase 3

To add or edit CEMS to be tested, click EDIT to access the *Create/Edit CEMS to Be Tested* page. Information that displays about CEMS to be tested is described in the table below.

Column	Description
CEMSID	Displays the CEMS ID for the CEMSs defined for the source combination and emission result listed.
Source Combination	Displays the source combination name.
Emission Result	Displays the emission result associated with the source combination listed.
Type	Indicates whether the CEMS is the Primary CEMS, a Backup, or a Standby.
Status	Indicates the current status of the CEMS.

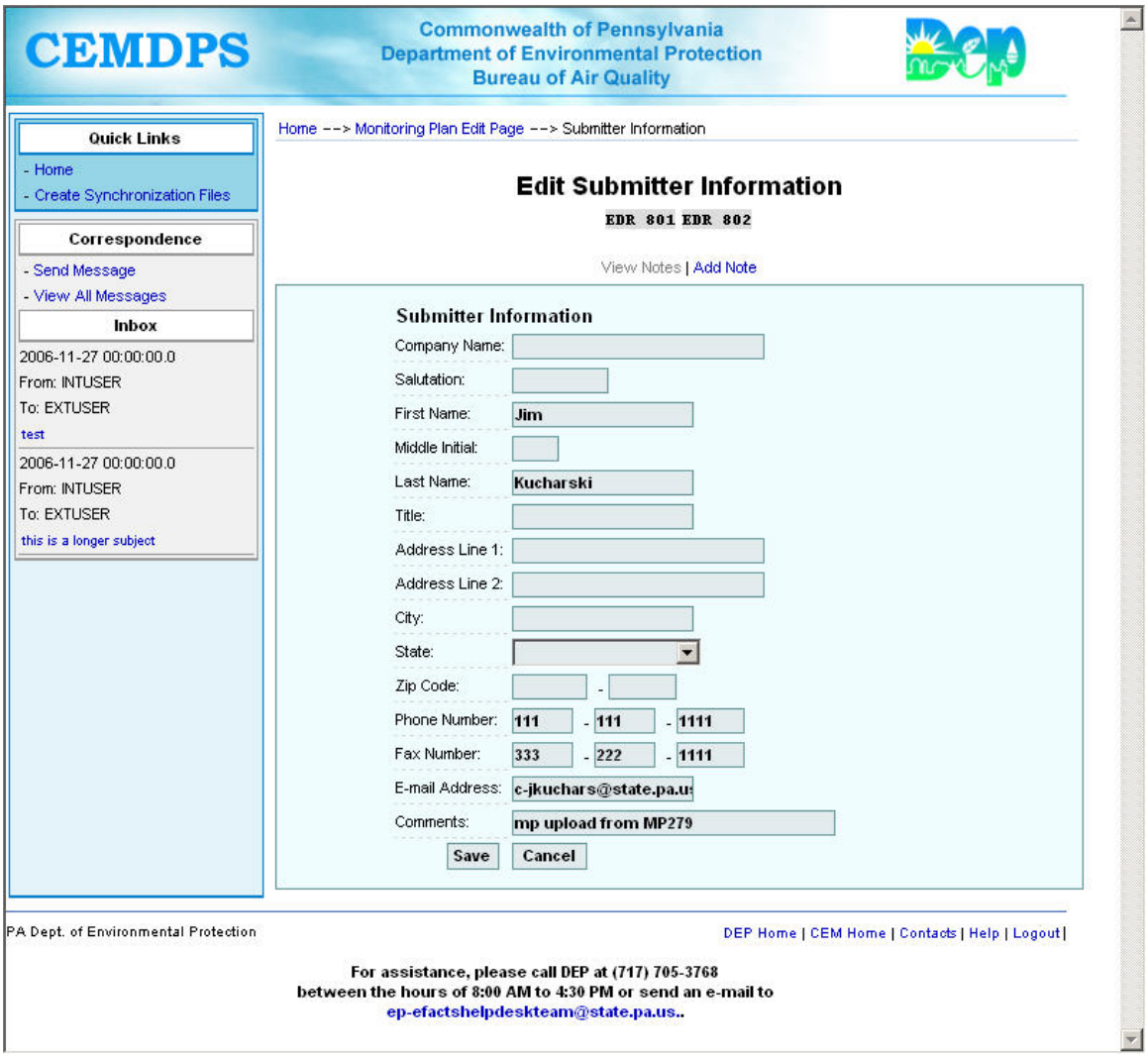
The VALIDATE SUBMITTAL Button

The DEP requires test protocol data fields to be submitted in specific formats, which are indicated where applicable in CEMDPS pages, and to follow business rules outlined in the current Continuous Source Monitoring Manual (CSMM). At the top of the *Test Protocol* page, click VALIDATE SUBMITTAL to have the CEMDPS check the data you entered to ensure it's in the proper format and follows CSMM business rules before you submit the protocol. After the validation process, the *Test Protocol Submittal* page displays. This page either confirms that all data was validated or lists errors that must be addressed before submitting the protocol. Please see *Test Protocol Submittal Page* for more information.

Create/Edit Submitter Information (EDR 801/802)

The *Create/Edit Submitter Information* page records information concerning the submitter of the data.

To add or edit submitter information, follow the instructions for each field, as listed below.



Field Label	Activity
Company Name	Enter the company name of the person submitting the EDR.
Salutation	Enter the preferred correspondence salutation for the person submitting the EDR.
First Name	Enter the first name of the person submitting the EDR.
Middle Initial	Enter the middle initial of the person submitting the EDR. If the person has no middle initial, leave this field blank.
Last Name	Enter the last name of the person submitting the EDR.
Title	Enter the title of the person submitting the EDR.

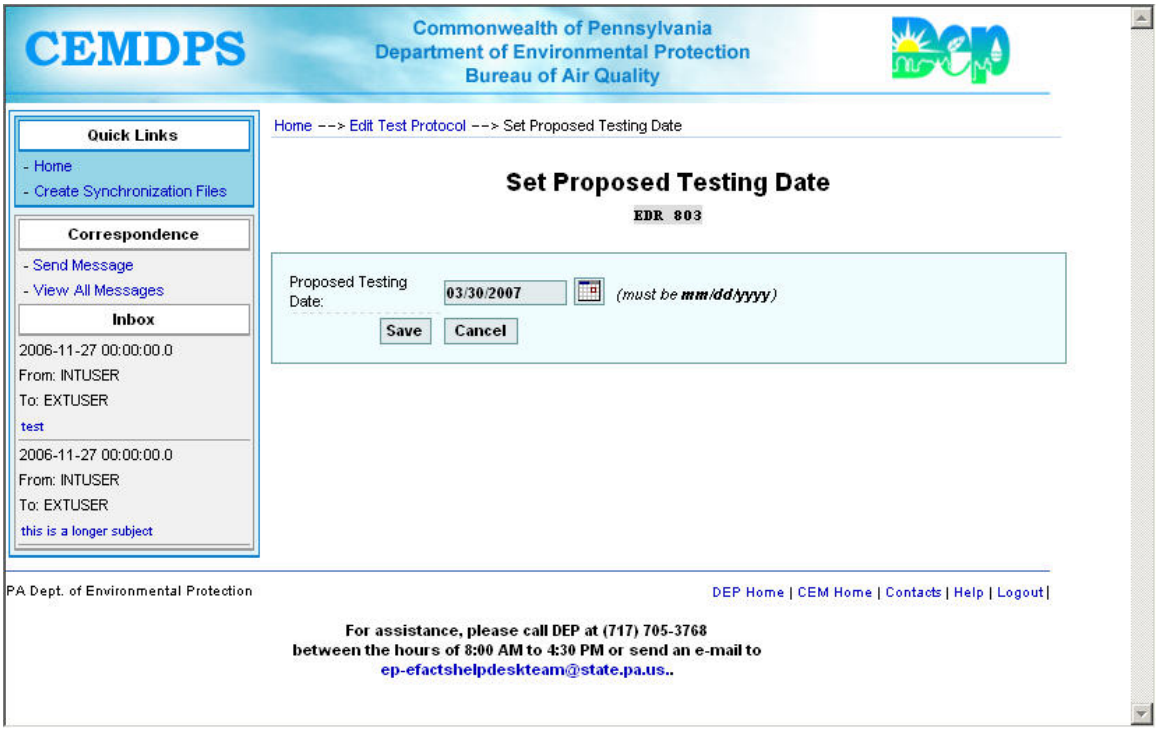
Field Label	Activity
Address Line 1	Enter the first line of the street address of the person submitting the EDR.
Address Line 2	Enter the second line of the street address of the person submitting the EDR. If there is no second line of the street address, leave this field blank.
City	Enter the city name of the person submitting the EDR.
State	Use the drop-down list to enter the state postal code of the person submitting the EDR.
Zip Code	Enter the 5-digit zip code and the 4-digit zip plus 4 code of the person submitting the EDR.
Phone Number	Enter the 10-digit phone number of the person submitting the EDR.
Fax Number	Enter the 10-digit fax number of the person submitting the EDR. If the person submitting the EDR has no fax, leave this field blank.
E-mail Address	Enter the e-mail address of the person submitting the EDR. If the person submitting the EDR has no e-mail address, leave this field blank.

Button	Description
Save	Clicking SAVE saves the contact information and returns you to the previous page.
Cancel	Clicking CANCEL returns you to the previous page without saving changes.

Set Proposed Testing Date (EDR 803)

The *Set Proposed Testing Date* page allows you to enter the date on which you plan to run a test at your facility.

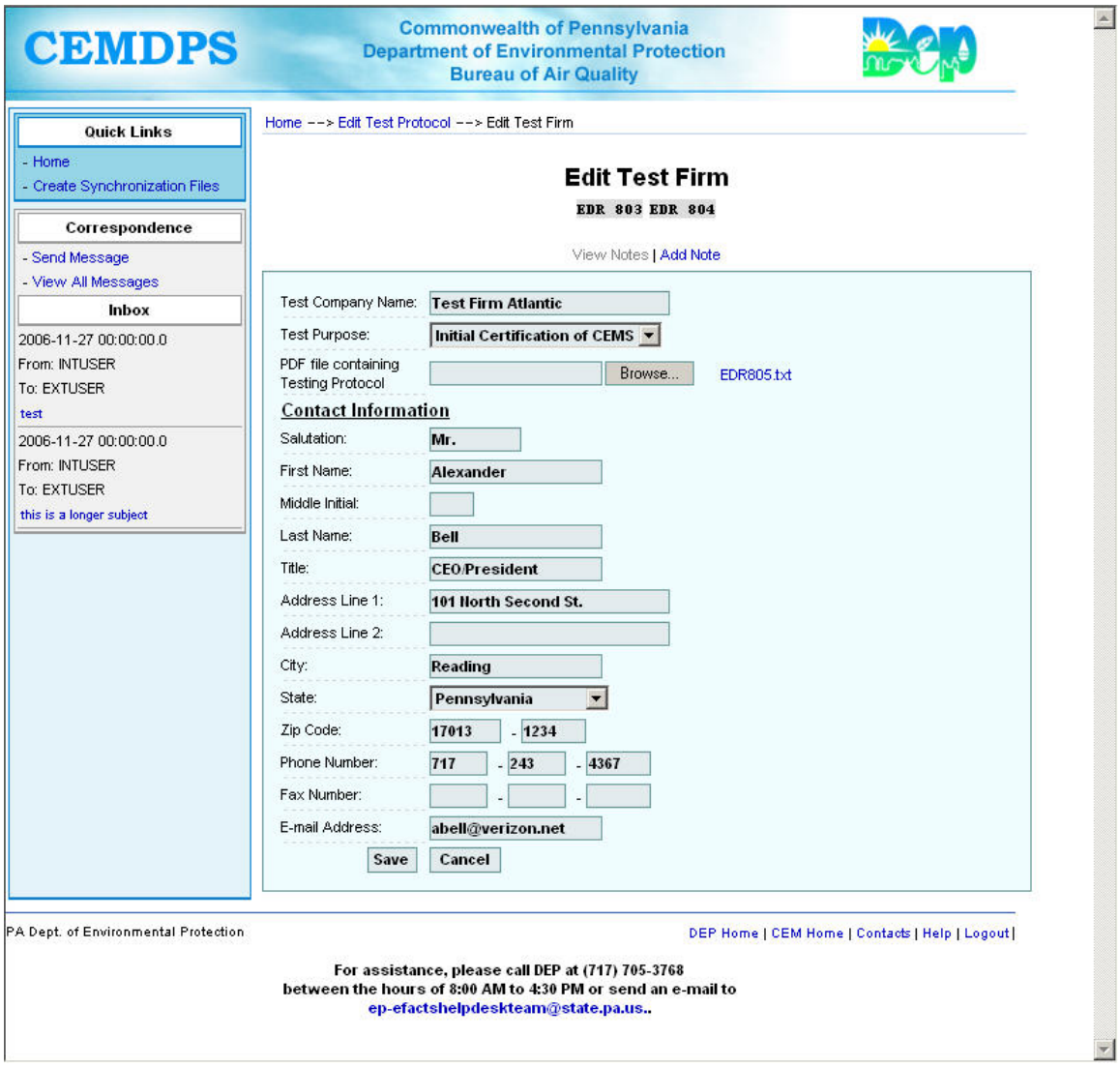
To set a proposed testing date, enter the date in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.) Click SAVE when finished.



Create/Edit Test Firm (EDR 803/804)

The *Create/Edit Testing Firm* page records information about the firm that will conduct tests at your facility. If you will have more than one firm conducting tests, you must submit a separate test protocol for each testing firm.

To add or edit a testing firm, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item.

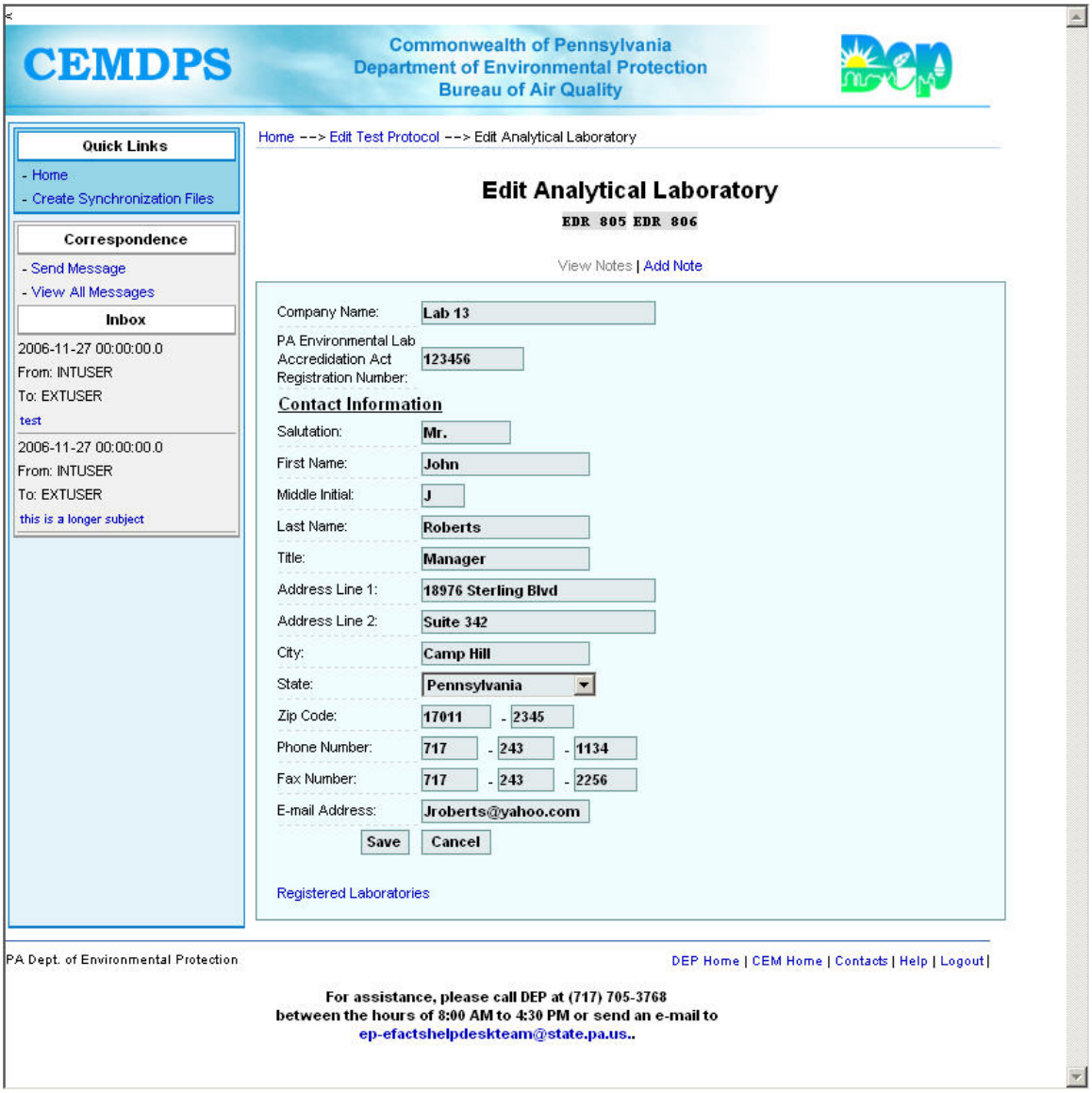
Field Label/Link	Activity
	Note: This link is active only in the online CEMDPS application.
Test Company Name	Enter the testing company name.
Test Purpose	Use the drop-down list to enter the appropriate one-character code describing the purpose of the test as follows: • Diagnostic (D) • Initial Certification (of new or revised CEMS) (I) • Periodic Self-audit (P)
PDF file containing Test Protocol	Click the BROWSE button to select a file to attach to the test protocol. The file you choose displays in the text box. If you previously attached a file, the file name displays as a link. Click on the file name link to view the previous attachment.
Salutation	Enter the preferred correspondence salutation for the test company contact person (for example "Dear Mr. Smith:").
First Name	Enter the first name of the test firm contact person.
Middle Initial	Enter the middle initial of the test firm contact person. If the test firm contact person has no middle initial, leave this field blank.
Last Name	Enter the last name of the test firm contact person.
Title	Enter the title of the test firm contact person.
Address Line 1	Enter the first line of the street address of the test company contact person.
Address Line 2	Enter the second line of the street address of the test company contact person.
City	Enter the city name of the test company contact person.
State	Use the drop-down list to select the state for the test company contact person.
Zip Code	Enter the 5-digit zip code of the test company contact person and the 4-digit zip plus 4 code.
Phone Number	Enter the phone number for the test company contact person.
Fax Number	Enter the fax number for the test company contact person. If the test company contact person has no fax, leave this field blank.
E-mail Address	Enter the e-mail address of the test company contact person. If the test company contact person has no E-mail address, leave this field blank.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Test Protocol* page.
Cancel	Clicking CANCEL returns you to the *Test Protocol* page without saving changes.

Create/Edit Analytical Laboratory (EDR 805/806)

The *Create/Edit Analytical Laboratory* page records information about the analytical laboratories your testing firm uses. If the firm uses multiple analytical laboratories, you must enter and save information using this page for each laboratory. If your testing firm is also conducting analysis, you must enter your testing firm as a laboratory in this page.

To add or edit an analytical laboratory, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.

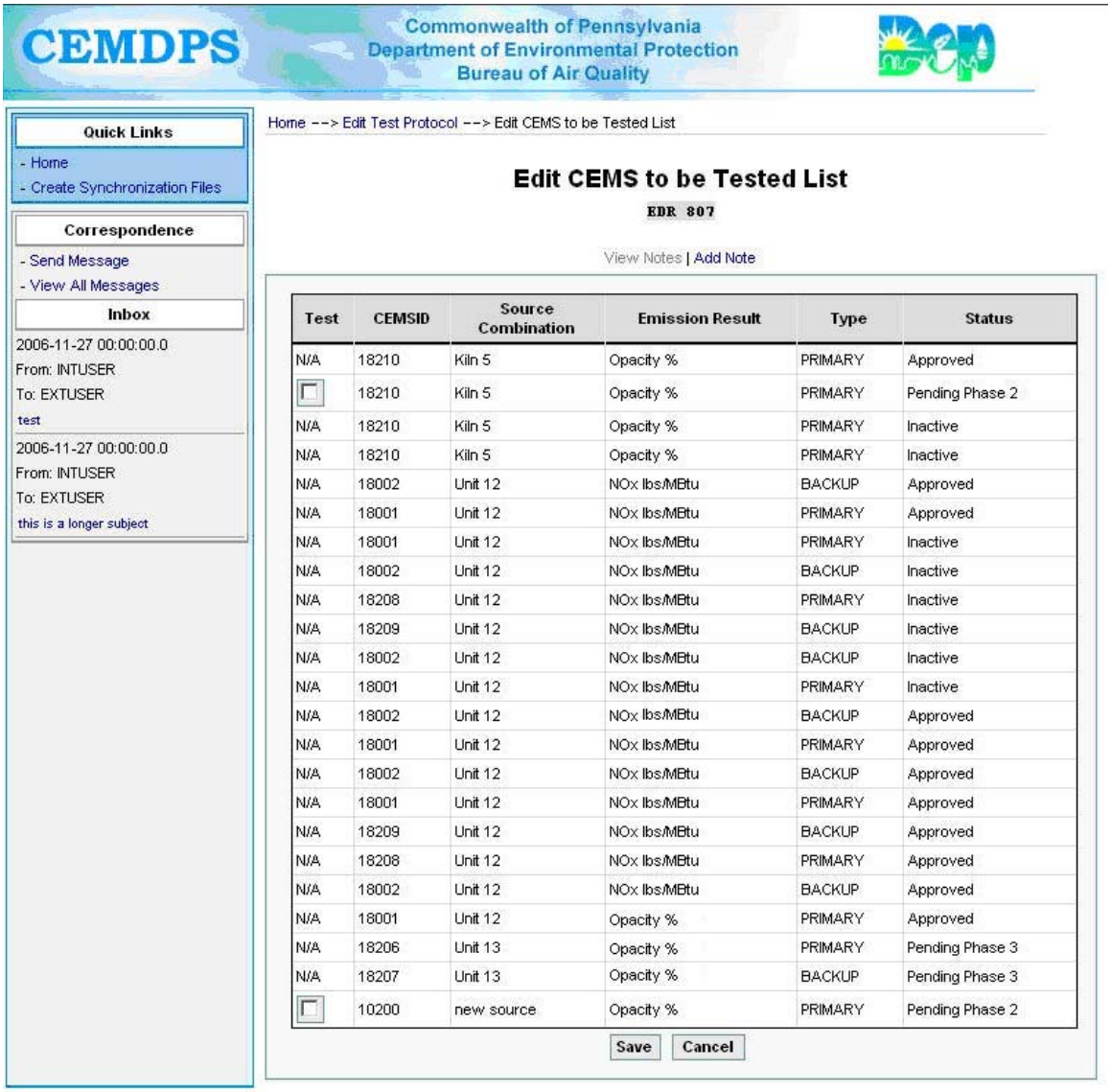
Field Label/Link	Activity
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Company Name	Enter the analytical laboratory company name.
PA Environmental Lab Accreditation Act Registration Number	Enter the PA Environmental Laboratory Accreditation Act Registration Number of the analytical laboratory in either ##-### or ##-#### format.
Salutation	Enter the preferred correspondence salutation for the analytical laboratory contact person (for example "Dear Mr. Smith:").
First Name	Enter the first name of the analytical laboratory contact person.
Middle Initial	Enter the middle initial of the analytical laboratory contact person. If the analytical laboratory contact person has no middle initial, leave this field blank.
Last Name	Enter the last name of the analytical laboratory contact person.
Title	Enter the title of the test firm contact person. If the test firm contact person has no title, leave this field blank.
Address Line 1	Enter the first line of the street address of the analytical laboratory contact person.
Address Line 2	Enter the second line of the street address of the analytical laboratory contact person. If there is no second line of the street address, leave this field blank.
City	Enter the city name of the analytical laboratory contact person.
State	Enter the state for the analytical laboratory contact person.
Zip Code	Enter the 5-digit zip code of the analytical laboratory contact person.
Phone Number	Enter the 10-digit phone number for the analytical laboratory contact person.
Fax Number	Enter the 10-digit fax number for the analytical laboratory contact person. If the analytical laboratory contact person has no fax, leave this field blank.
E-mail Address	Enter the e-mail address of the analytical laboratory contact person. If the analytical laboratory contact person has no e-mail address, leave this field blank.
Registered Laboratories	Click this link to view a list of registered environmental laboratories on the DEP web site.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Test Protocol* page.
Cancel	Clicking CANCEL returns you to the *Test Protocol* page without saving changes.

Edit CEMS to Be Tested List (EDR 807)

The *Edit CEMS to Be Tested List* page displays the CEMS IDs for the CEMS to be tested as part of a test protocol.

To add or edit a CEMS to be tested, click to add or remove checkmarks in the **Test** column. When finished, click SAVE at the bottom of the page. Descriptions of the columns in the table on the *Edit CEMS to Be Tested List* page appear in the table below.



Test	CEMSID	Source Combination	Emission Result	Type	Status
N/A	18210	Kiln 5	Opacity %	PRIMARY	Approved
☐	18210	Kiln 5	Opacity %	PRIMARY	Pending Phase 2
N/A	18210	Kiln 5	Opacity %	PRIMARY	Inactive
N/A	18210	Kiln 5	Opacity %	PRIMARY	Inactive
N/A	18002	Unit 12	NOx lbs/MBtu	BACKUP	Approved
N/A	18001	Unit 12	NOx lbs/MBtu	PRIMARY	Approved
N/A	18001	Unit 12	NOx lbs/MBtu	PRIMARY	Inactive
N/A	18002	Unit 12	NOx lbs/MBtu	BACKUP	Inactive
N/A	18208	Unit 12	NOx lbs/MBtu	PRIMARY	Inactive
N/A	18209	Unit 12	NOx lbs/MBtu	BACKUP	Inactive
N/A	18002	Unit 12	NOx lbs/MBtu	BACKUP	Inactive
N/A	18001	Unit 12	NOx lbs/MBtu	PRIMARY	Inactive
N/A	18002	Unit 12	NOx lbs/MBtu	BACKUP	Approved
N/A	18001	Unit 12	NOx lbs/MBtu	PRIMARY	Approved
N/A	18002	Unit 12	NOx lbs/MBtu	BACKUP	Approved
N/A	18001	Unit 12	NOx lbs/MBtu	PRIMARY	Approved
N/A	18209	Unit 12	NOx lbs/MBtu	BACKUP	Approved
N/A	18208	Unit 12	NOx lbs/MBtu	PRIMARY	Approved
N/A	18002	Unit 12	NOx lbs/MBtu	BACKUP	Approved
N/A	18001	Unit 12	Opacity %	PRIMARY	Approved
N/A	18206	Unit 13	Opacity %	PRIMARY	Pending Phase 3
N/A	18207	Unit 13	Opacity %	BACKUP	Pending Phase 3
☐	10200	new source	Opacity %	PRIMARY	Pending Phase 2

Column/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Test	Displays a checkbox for each CEMS, allowing you to click to add or remove CEMSs to be tested as part of a test protocol.
CEMSID	Displays the CEMS ID for the CEMSs defined for the source combination and emission result listed.
Source Combination	Displays the source combination name.
Emission Result	Displays the emission result associated with the source combination listed.
Type	Indicates whether the CEMS is the Primary CEMS or a Backup or Standby.
Status	Indicates the current status of the CEMS.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Test Protocol* page.
Cancel	Clicking CANCEL returns you to the *Test Protocol* page without saving changes.

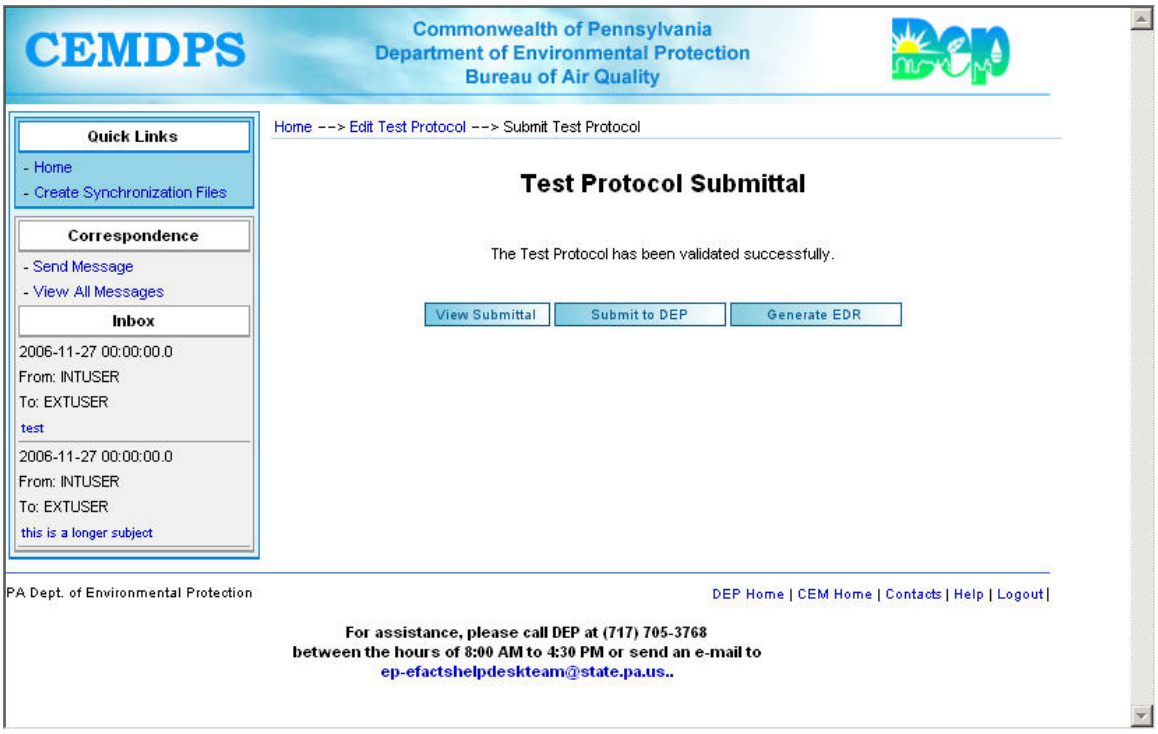
Test Protocol Submittal Page

The *Test Protocol Submittal* page displays when you click the VALIDATE SUBMITTAL button in the *Test Protocol* page to validate data before submitting your protocol. Depending on the validity of the data you entered, the *Test Protocol Submittal* page displays two types of information as follows:

- **Successful Validation:** If all test protocol data is entered correctly, the *Test Protocol Submittal* page displays a confirmation that all information is valid for submission.
- **List of Errors:** If there is data that fails to meet formatting or business rules for a test protocol submittal, the *Test Protocol Submittal* page displays a list of the errors for you to correct before submitting the test protocol. The submittal page indicates the nature of the error (missing data, invalid value, etc.), the element of the protocol containing the error (Analytical Lab, Test Firm, etc.), and if applicable, the field containing invalid data.

Successful Validation

If all data in your test protocol is entered correctly, the *Test Protocol Submittal* page displays a confirmation that all information is valid for submission.



Note: A confirmation that all data has been validated successfully does ***not*** indicate that the test protocol has been submitted to the DEP. It just confirms that all required data is entered, that the data entered is formatted correctly, and that the data follows appropriate business rules in preparation for submittal.

The VIEW SUBMITTAL Button
If your test protocol information is validated, the VIEW SUBMITTAL button displays. Clicking this button allows you to view or save a document in PDF format that contains all test protocol information to be submitted to the DEP.

Note: You must have Adobe® Acrobat in order to view the PDF document generated from the VIEW SUBMITTAL button.

The SUBMIT TO DEP Button
If your test protocol information is validated, the SUBMIT TO DEP button displays. Clicking this button submits your test protocol to the DEP for review. When your test protocol is submitted, the *Test Protocol Submittal* page displays a message confirming that your protocol was submitted. The BACK TO HOME PAGE button returns you to the facility home page.

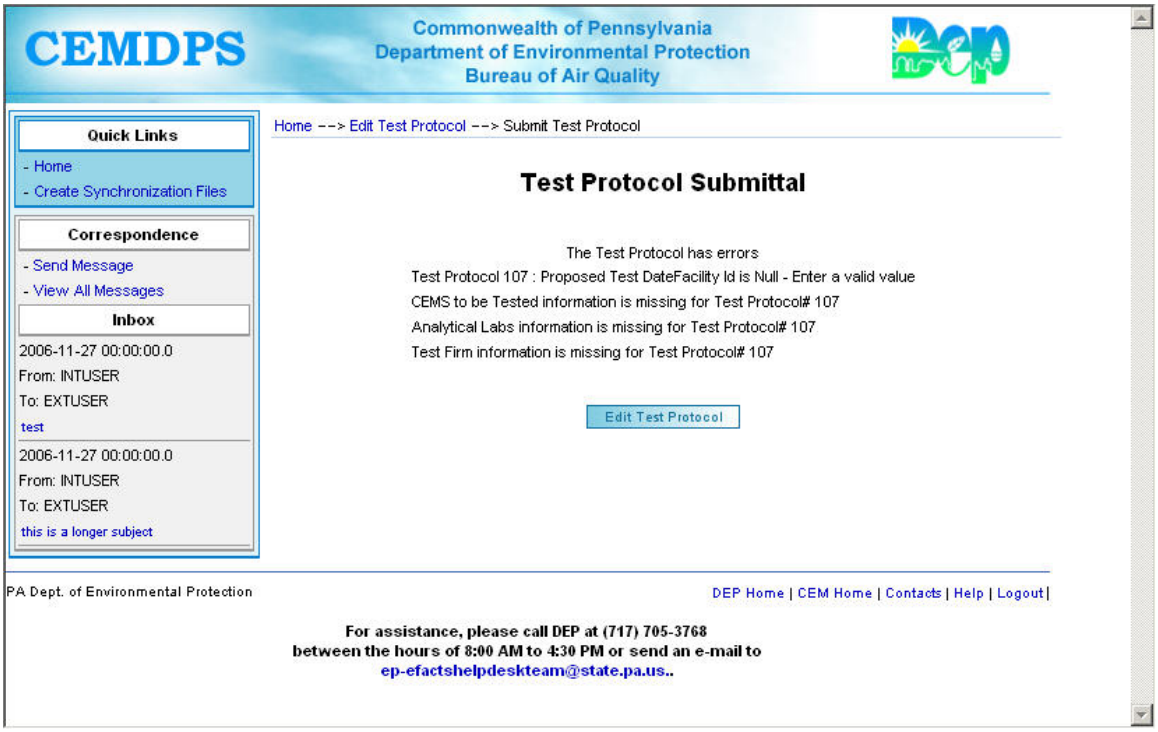
Note: The SUBMIT TO DEP button displays only for users working in the online CEMDPS. Users working in the disconnected client application must click GENERATE EDR to create an EDR text file and upload it from the *Facility Home Page* in the online CEMDPS application.

The GENERATE EDR Button
If your test protocol information is validated, the GENERATE EDR button displays. Clicking this button allows you to view or save a text file containing all EDR information for the test protocol submittal.

Note: Users working in the disconnected client application should use the GENERATE EDR to create an EDR text file, then upload the EDR file into the online CEMDPS from the *Facility Home Page* in the online application.

List of Errors

If there is data that fails to meet formatting or business rules for a test protocol submittal, the *Test Protocol Submittal* page displays a list of the errors for you to correct before submitting the protocol. The submittal page indicates the nature of the error (missing data, invalid value, etc.), the element of the protocol containing the error (Test Firm, Analytical Lab, etc.), and if applicable, the field containing invalid data.



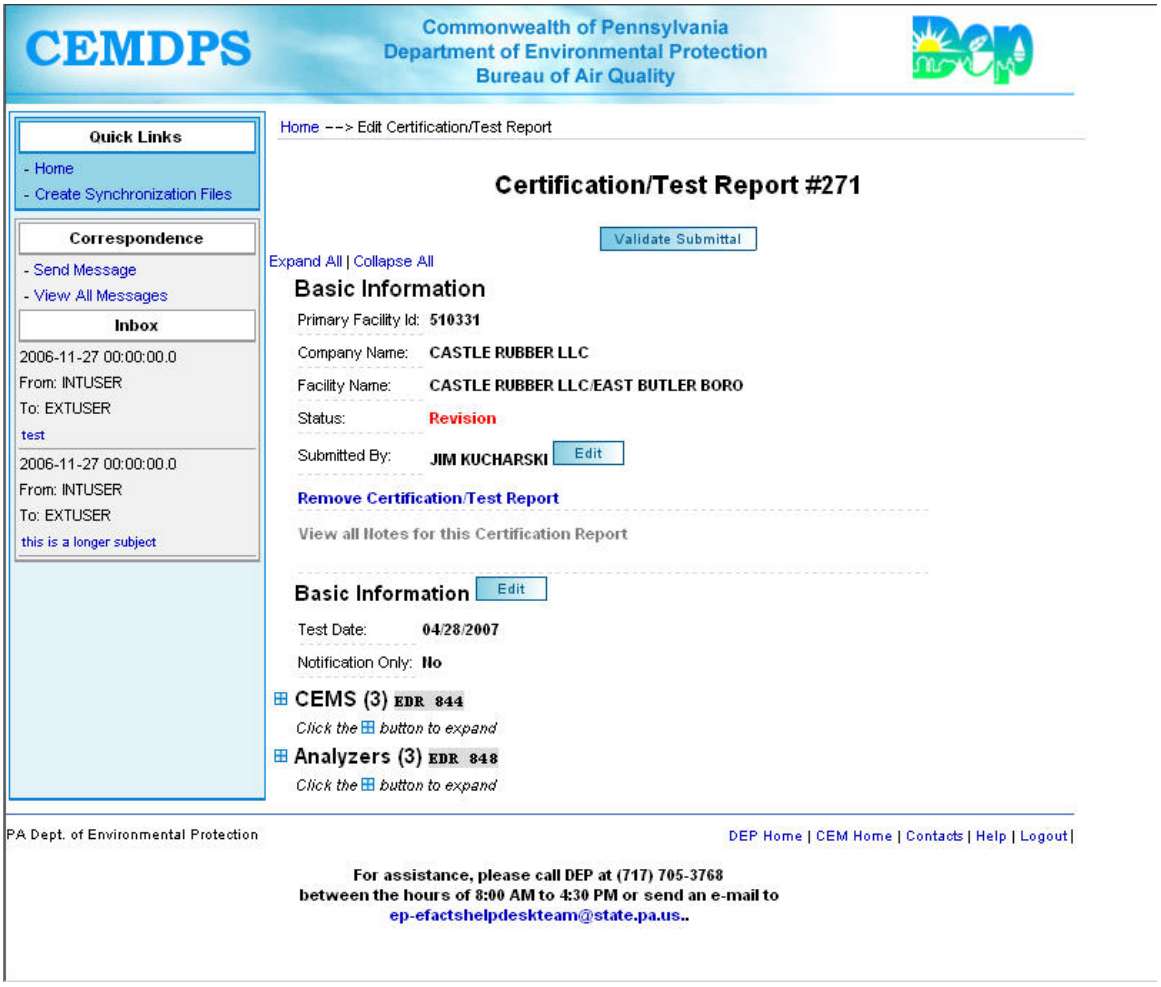
The EDIT TEST PROTOCOL Button

If the *Test Protocol Submittal* page lists errors with your protocol data, the EDIT TEST PROTOCOL button appears at the bottom of the page. Clicking this button returns you to the *Test Protocol* page, allowing you to correct the errors and validate the submittal again.

Certification Reports

Certification/Test Report Page

The *Certification/Test Report* page displays information about certification and test reports at your facility and allows you to add or edit tests. Descriptions of the page's structure and options appear below.



Basic Information

This section displays the following information:

Field Label	Description
Primary Facility Id	Displays the facility ID for which the certification/test report is being submitted.
Company	Displays the name of the company associated with the test protocol.
Facility	Displays the name of the facility associated with the test protocol.

<table>
<tr><th>Field Label</th><th>Description</th></tr>
<tr><td>Status</td><td>Displays the status of the test protocol as follows:

<table>
<tr><th>Status</th><th>Description</th></tr>
<tr><td>Initiated</td><td>A test protocol is considered Initiated if you have begun entering data for your test protocol but have not yet submitted the information for DEP review. Only facility users may work with the submittal package while it has this status.</td></tr>
<tr><td>Submitted</td><td>A test protocol is considered Submitted if you have submitted your test protocol information for DEP review. Only DEP reviewers and approvers may work with the submitted data when the test protocol has this status. You will be able to view the information, but not change it.</td></tr>
<tr><td>Submitted (Partial Submittal)</td><td>This status is similar to the Submitted status, but is used to identify a partial submittal. Partial Submittals normally occur with quarterly reports.</td></tr>
<tr><td>Review</td><td>Once you submit your test protocol, the status changes to Review as DEP reviewers examine your submittal.</td></tr>
<tr><td>Revision</td><td>If DEP reviewers find issues with a submittal, they may reject it and request that data be changed or verified by the facility. In this instance, the test protocol is given the status of Revision, and you may revise the information and resubmit the plan. Only facility users may work with the test protocol information while it has this status.</td></tr>
<tr><td>Review Complete</td><td>After reviewers evaluate and render a decision on the test protocol submission, they move the test protocol into Review Complete status. At this point, the submission is waiting for a DEP approver to login and verify the reviewer's decision. No one can change the test protocol submission through the CEMDPS application while it has this status. Approvers automatically receive an email notification indicating that a reviewed submission is awaiting their approval.</td></tr>
<tr><td>Approved</td><td>This is the final status of a submission. This status indicates that an approver approved the decision made by a reviewer. When the submission enters Approved status, you, and other defined users at your facility, automatically receive an email notification from the CEMDPS. No one may change the test protocol data through the CEMDPS once it reaches this status. Facility users and DEP approvers and reviewers may still view the test protocol information through the PDF file.</td></tr>
<tr><td>Hold</td><td>A reviewer or approver may place the test protocol submission in Hold status. The Hold status remains until the submission is reassigned.</td></tr>
</table>
</td></tr>
<tr><td>Submitted By</td><td>Displays the name of the person who submitted the test protocol.</td></tr>
</table>

Button	Description
Add	The ADD button displays when no submitter information is specified. Click ADD to enter submitter information for the test protocol. The *Create Submitter Information* page displays.
Edit	The EDIT button displays when submitter information is already specified. Click EDIT to edit submitter information for the test protocol. The *Edit Submitter Information* page displays.

The Remove Certification/Test Report Link

The Remove Certification/Test Report link lets you delete the certification/test report. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

The View all Notes for this Certification Report Link

The View all Notes for this Certification Report link opens the *View Notes* page and allows you to view all notes associated with the components of the certification report.

Note: The View all Notes for this Certification Report link is available only in the online CEMDPS application.

Basic Information (for the certification/test report)

This section displays the following information about the certification/test report:

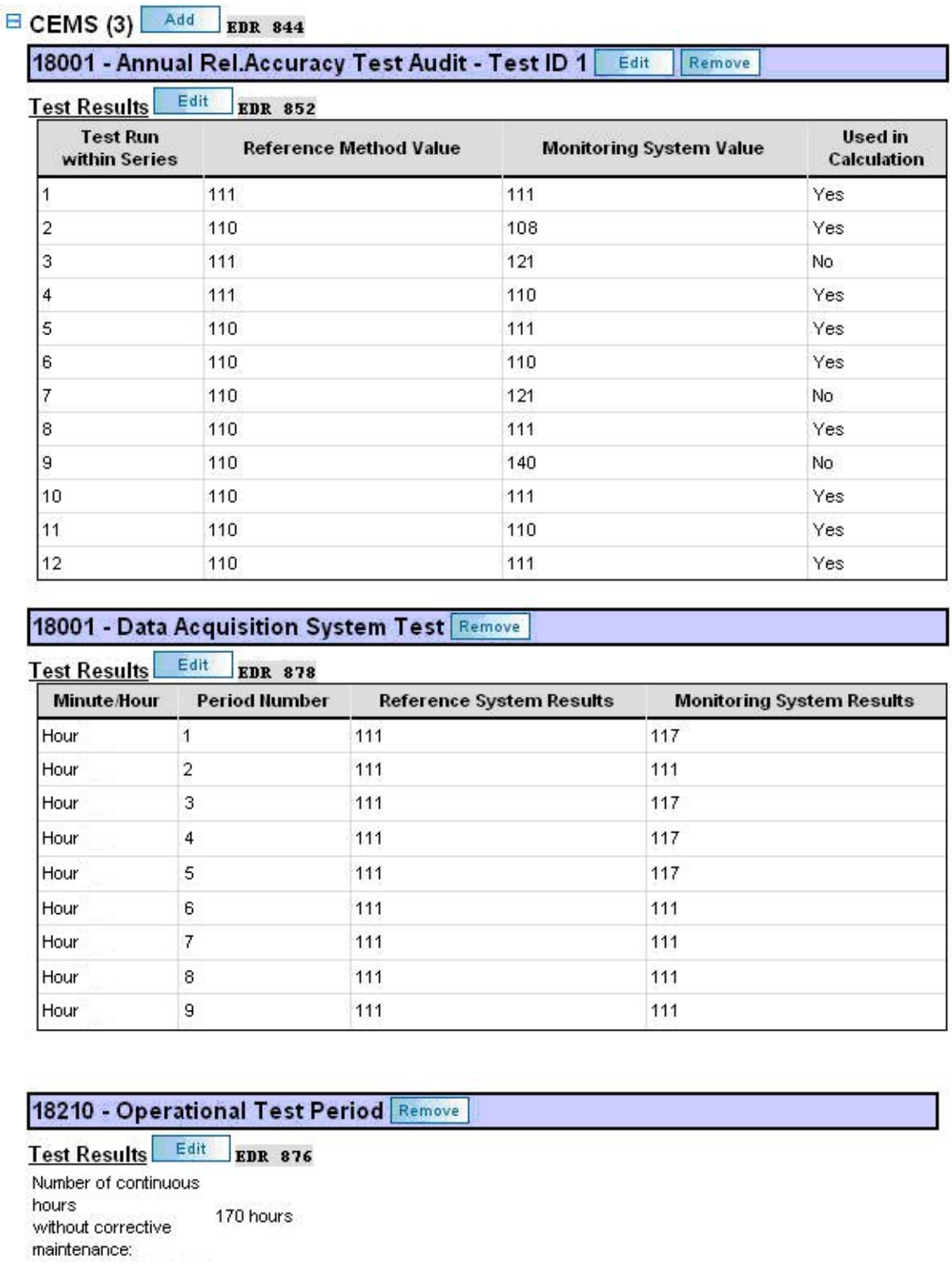
Field Label	Description
Test Date	Displays the date of the CEMS test.
Notification Only	Indicates whether or not the submittal is only a notification. If the submittal is simply to notify the DEP of the tests and does ***not*** include test results, the value is *Yes.* If the submittal includes test results, the value is *No.*

To enter or edit basic information for a certification/test report, click the EDIT button to go to the *Set Test Date* Page.

CEMS

This area lists tested CEMS and test results. Each CEMS test displays in a purple heading that indicates the CEMSID, type of test, and the Test ID.

- To add a tested CEMS, click the ADD button to go to the *Add Tested CEMS (EDR 844)* page.
- To edit a tested CEMS, click the EDIT button for the appropriate CEMS to go to the *Edit Tested CEMS (EDR 844)* page.
- To remove a tested CEMS, click the Remove button for the appropriate CEMS.



CEMS (3) Add EDR 844

18001 - Annual Rel.Accuracy Test Audit - Test ID 1 Edit Remove

Test Results Edit EDR 852

Test Run within Series	Reference Method Value	Monitoring System Value	Used in Calculation
1	111	111	Yes
2	110	108	Yes
3	111	121	No
4	111	110	Yes
5	110	111	Yes
6	110	110	Yes
7	110	121	No
8	110	111	Yes
9	110	140	No
10	110	111	Yes
11	110	110	Yes
12	110	111	Yes

18001 - Data Acquisition System Test Remove

Test Results Edit EDR 878

Minute/Hour	Period Number	Reference System Results	Monitoring System Results
Hour	1	111	117
Hour	2	111	111
Hour	3	111	117
Hour	4	111	117
Hour	5	111	117
Hour	6	111	111
Hour	7	111	111
Hour	8	111	111
Hour	9	111	111

18210 - Operational Test Period Remove

Test Results Edit EDR 876

Number of continuous hours without corrective maintenance: 170 hours

Test Results

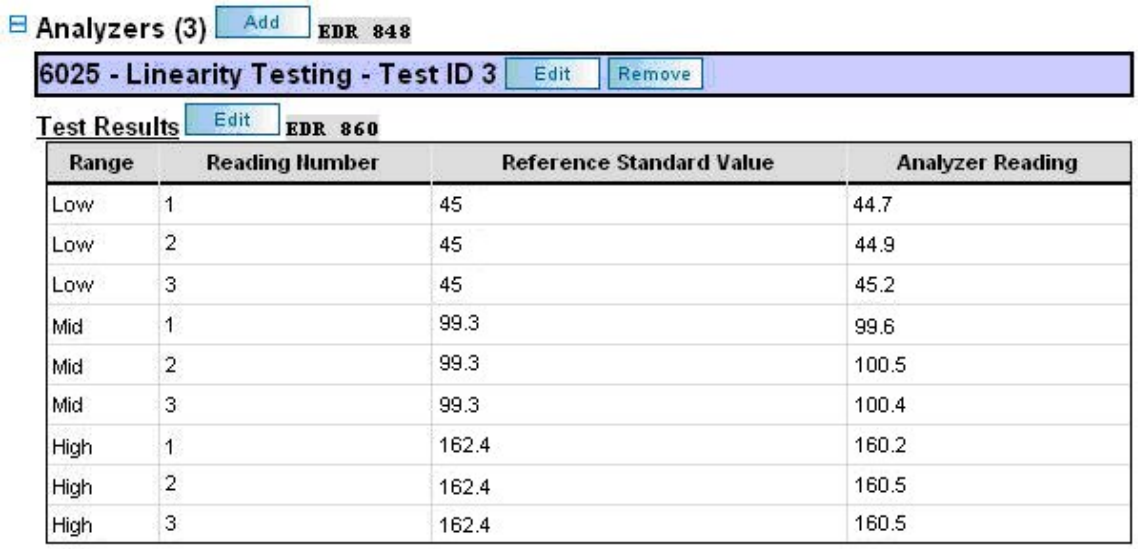
The test results section displays results for the different types of tests performed for a CEMS. The contents of this section varies based on the type of test.

- To add or edit test results, click the EDIT button next to the appropriate test results section. Clicking EDIT takes you to the page necessary for entering information for that type of test.

Analyzers

This area lists tested analyzers and test results. Each analyzer test displays in a purple heading that indicates the Analyzer ID, type of test, and the Test ID.

- To add a tested analyzer, click the ADD button to go to the *Add Tested Analyzer (EDR 848)* page.
- To edit a tested analyzer, click the EDIT button for the appropriate analyzer to go to the *Add Tested Analyzer (EDR 848)* page.
- To remove a tested analyzer, click the Remove button for the appropriate analyzer.



Range	Reading Number	Reference Standard Value	Analyzer Reading
Low	1	45	44.7
Low	2	45	44.9
Low	3	45	45.2
Mid	1	99.3	99.6
Mid	2	99.3	100.5
Mid	3	99.3	100.4
High	1	162.4	160.2
High	2	162.4	160.5
High	3	162.4	160.5

6025 - 7-day Calibration Error Testing Remove

Test Results Edit EDR 868

Zero/Upscale	Period Number	Reference Value	Monitoring System Value
Upscale	1	50	1
Upscale	2	50	-2
Upscale	3	50	2
Upscale	4	50	2
Upscale	5	50	1
Upscale	6	50	1
Upscale	7	50	0
Zero	1	0	50
Zero	2	0	51
Zero	3	0	48
Zero	4	0	49
Zero	5	0	50
Zero	6	0	49
Zero	7	0	50

6025 - Cycle Time Testing - Test ID 2 Edit Remove

Test Results Edit EDR 872

Zero/Upscale	Period Number	Minutes/Seconds	Cycle Time
Zero	1	Minutes	1
Upscale	1	Minutes	1

Test Results

The test results section displays results for the different types of tests performed for an analyzer. The contents of this section varies based on the type of test.

- To add or edit test results, click the EDIT button next to the appropriate test results section. Clicking EDIT takes you to the page necessary for entering information for that type of test.

The VALIDATE SUBMITTAL Button

The DEP requires certification/test report data fields to be submitted in specific formats, which are indicated where applicable in the CEMDPS pages, and to follow business rules outlined in the current Continuous Source Monitoring Manual (CSMM). At the top of the *Certification/Test Report* page, click VALIDATE SUBMITTAL to have the CEMDPS check the data you entered to ensure it's in the proper format and follows CSMM business rules before you submit the report. After the validation process, the *Certification Report/Test Report Submittal* page displays. This page either confirms that all data was validated or lists errors that must be addressed before submitting the report. Please see *Certification Report/Test Report Submittal Page* for more information.

Certification Report/Test Results Submittal Page

The *Certification Report/Test Results Submittal* page displays when you click the VALIDATE SUBMITTAL button in the *Certification/Test Report* page to validate data before submitting your certification report or test results. Depending on the validity of the data you entered, the *Certification Report/Test Results Submittal* page displays two types of information as follows:

- **Successful Validation:** If all monitoring plan data is entered correctly, the *Certification Report/Test Results Submittal* page displays a confirmation that all certification/test report information is valid for submission.

- **List of Errors:** If there is data that fails to meet formatting or business rules for a certification/test report submittal, the *Certification Report/Test Results Submittal* page displays a list of the errors for you to correct before submitting the certification/test report. The submittal page indicates the nature of the error (missing data, invalid value, etc.), the element of the certification/test report containing the error (CEMS, Analyzer, etc.), and if applicable, the field containing invalid data.

Successful Validation

If all data in your certification/test report is entered correctly, the *Certification Report/Test Results Submittal* page displays a confirmation that all certification/test report information is valid for submission.



Note: A confirmation that all data has been validated successfully does ***not*** indicate that the certification/test report has been submitted to the DEP. It just confirms that all required data is entered, that the data entered is formatted correctly, and that the data follows appropriate business rules in preparation for submittal.

The VIEW SUBMITTAL Button
If your certification/test report information is validated, the VIEW SUBMITTAL button displays. Clicking this button allows you to view or save a document in PDF format that contains all certification/test report information to be submitted to the DEP.

Note: You must have Adobe® Acrobat in order to view the PDF document generated from the VIEW SUBMITTAL button.

The SUBMIT TO DEP Button
If your certification/test report information is validated, the SUBMIT TO DEP button displays. Clicking this button submits your certification/test report to the DEP for review. When your certification/test report is submitted, the *Certification Report/Test Results Submittal* page displays a message confirming that your certification/test report was submitted. The BACK TO HOME PAGE button returns you to the facility home page.

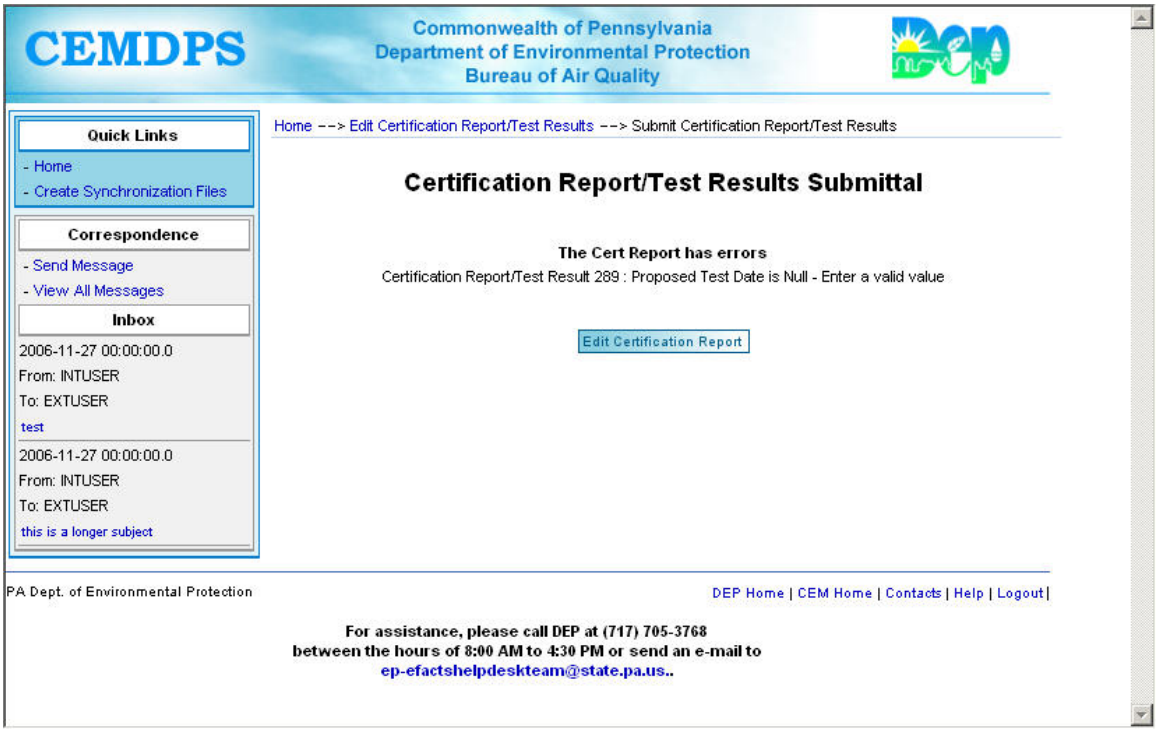
Note: The SUBMIT TO DEP button displays only for users working in the online CEMDPS. Users working in the disconnected client application must click GENERATE EDR to create an EDR text file and upload it from the *Facility Home Page* in the online CEMDPS application.

The GENERATE EDR Button
If your certification/test report information is validated, the GENERATE EDR button displays. Clicking this button allows you to view or save a text file containing all EDR information for the certification/test report submittal.

Note: Users working in the disconnected client application should use the GENERATE EDR to create an EDR text file, then upload the EDR file into the online CEMDPS from the *Facility Home Page* in the online application.

List of Errors

If there is data that fails to meet formatting or business rules for a certification/test report submittal, the *Certification Report/Test Results Submittal* page displays a list of the errors for you to correct before submitting the certification/test report. The submittal page indicates the nature of the error (missing data, invalid value, etc.), the element of the certification/test report containing the error, and if applicable, the field containing invalid data.



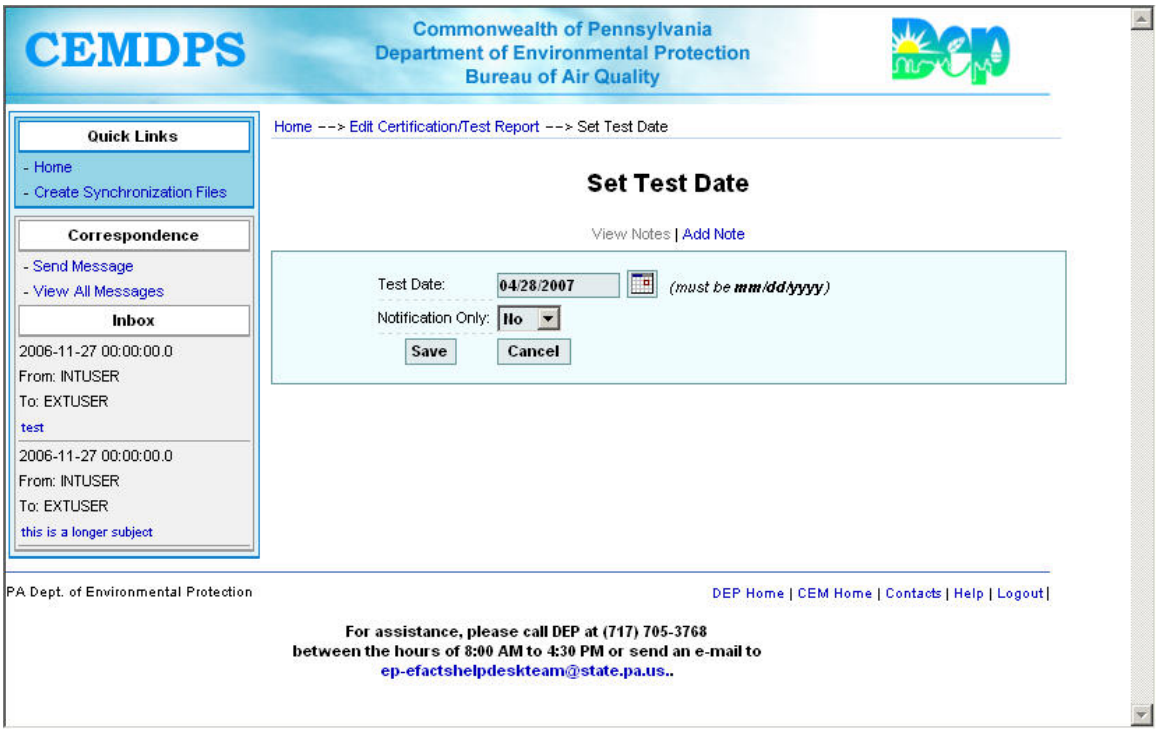
The EDIT CERTIFICATION REPORT Button

If the *Certification Report/Test Results Submittal* page lists errors with your certification/test report data, the EDIT CERTIFICATION REPORT button appears at the bottom of the page. Clicking this button returns you to the *Certification/Test Report* page, allowing you to correct the errors and validate the submittal again.

Set Test Date Page

The *Set Test Date* page allows you to indicate the test date for a CEMS and whether the submittal is a notification only or includes test result data.

To set a test date, follow the instructions for each field, as listed below.



Field Label	Description
Test Date	Enter the test date in *mm/dd/yyyy* format or click the calendar icon to select a date from a calendar. (See Date Selection for information on using the calendar to choose a date.)
Notification Only	Use the drop-down list to indicate whether or not the submittal is only a notification. If the submittal is simply to notify the DEP of the tests and does ***not*** include test results, choose *Yes.* If the submittal includes test results, choose *No.*

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Certification/Test Report* page.
Cancel	Clicking CANCEL returns you to the *Certification/Test Report* page without saving changes.

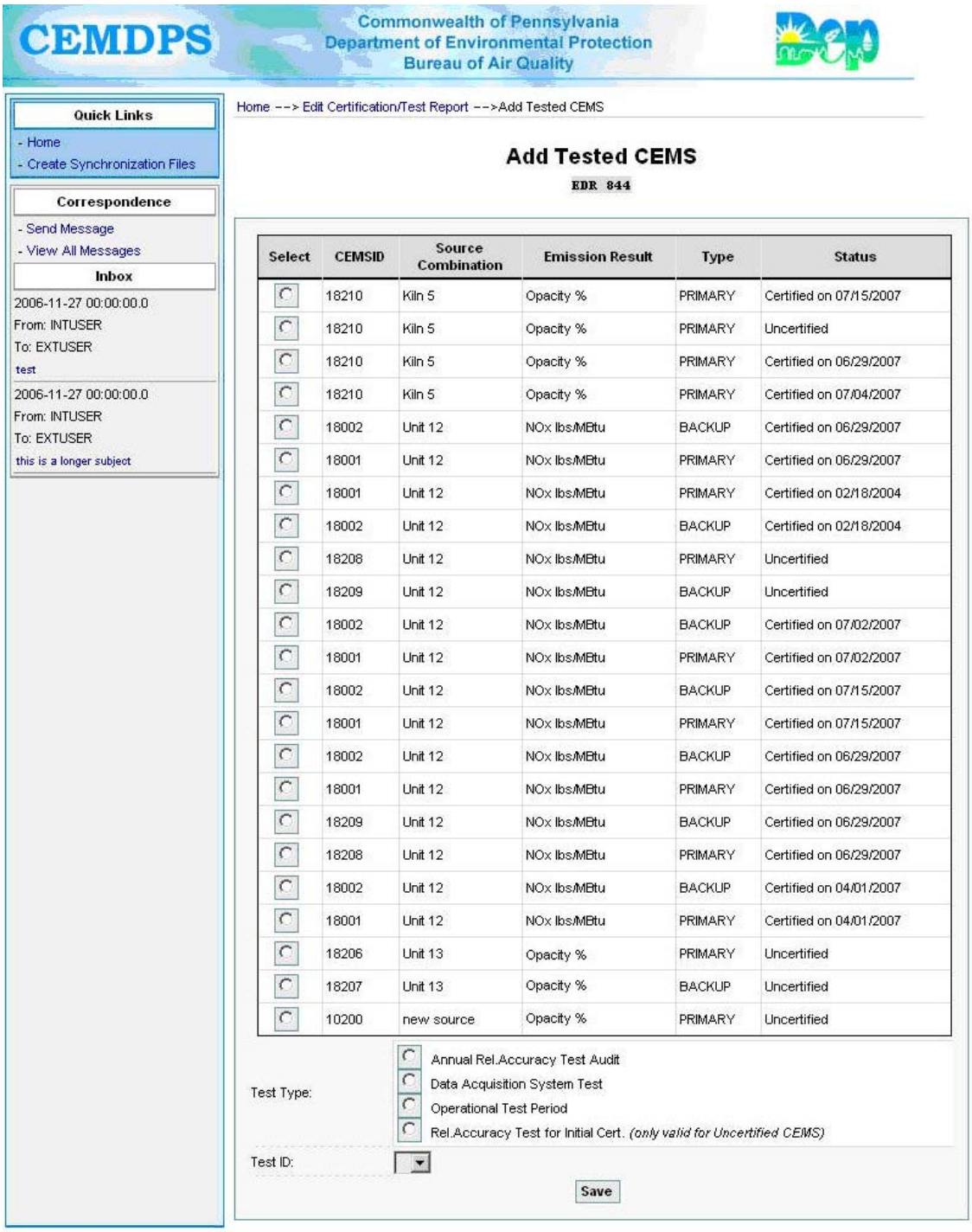
CEMS

Add Tested CEMS (EDR 844)

The *Add Tested CEMS* page records CEMS test information. You must report this information for each CEMS test at your facility within 10 days of test completion.

To add a tested CEMS, follow the instructions for each field, as listed below.

Note: When editing a tested CEMS, you may only change the Test ID. Please see the *Edit Tested CEMS (EDR 844)* help page for more information.


CEMDPS
Commonwealth of Pennsylvania
Department of Environmental Protection
Bureau of Air Quality
Quick Links
- Home
- Create Synchronization Files
Correspondence
- Send Message
- View All Messages
Inbox
2006-11-27 00:00:00.0
From: INTUSER
To: EXTUSER
test
2006-11-27 00:00:00.0
From: INTUSER
To: EXTUSER
this is a longer subject
Home --> Edit Certification/Test Report -->Add Tested CEMS
Add Tested CEMS
EDR 844
Select
CEMSID
Source Combination
Emission Result
Type
Status
18210 Kiln 5 Opacity % PRIMARY Certified on 07/15/2007
18210 Kiln 5 Opacity % PRIMARY Uncertified
18210 Kiln 5 Opacity % PRIMARY Certified on 06/29/2007
18210 Kiln 5 Opacity % PRIMARY Certified on 07/04/2007
18002 Unit 12 NOx lbs/MBtu BACKUP Certified on 06/29/2007
18001 Unit 12 NOx lbs/MBtu PRIMARY Certified on 06/29/2007
18001 Unit 12 NOx lbs/MBtu PRIMARY Certified on 02/18/2004
18002 Unit 12 NOx lbs/MBtu BACKUP Certified on 02/18/2004
18208 Unit 12 NOx lbs/MBtu PRIMARY Uncertified
18209 Unit 12 NOx lbs/MBtu BACKUP Uncertified
18002 Unit 12 NOx lbs/MBtu BACKUP Certified on 07/02/2007
18001 Unit 12 NOx lbs/MBtu PRIMARY Certified on 07/02/2007
18002 Unit 12 NOx lbs/MBtu BACKUP Certified on 07/15/2007
18001 Unit 12 NOx lbs/MBtu PRIMARY Certified on 07/15/2007
18002 Unit 12 NOx lbs/MBtu BACKUP Certified on 06/29/2007
18001 Unit 12 NOx lbs/MBtu PRIMARY Certified on 06/29/2007
18209 Unit 12 NOx lbs/MBtu BACKUP Certified on 06/29/2007
18208 Unit 12 NOx lbs/MBtu PRIMARY Certified on 06/29/2007
18002 Unit 12 NOx lbs/MBtu BACKUP Certified on 04/01/2007
18001 Unit 12 NOx lbs/MBtu PRIMARY Certified on 04/01/2007
18206 Unit 13 Opacity % PRIMARY Uncertified
18207 Unit 13 Opacity % BACKUP Uncertified
10200 new source Opacity % PRIMARY Uncertified
Test Type:
Annual Rel.Accuracy Test Audit
Data Acquisition System Test
Operational Test Period
Rel.Accuracy Test for Initial Cert. (only valid for Uncertified CEMS)
Test ID:
Save

Field Label	Description
Select	Click the radio button to select the CEMS being tested.
CEMSID	Displays the CEMS ID for each CEMS associated with a source combination.
Source Combination	Displays the source combination names for source combinations defined at your facility.
Emission Result	Displays the Emission Result the CEMS is associated with.
Type	Indicates whether the CEMS is the Primary CEMS or a Backup or Standby.
Status	Indicates the current status of the CEMS.
Test Type	Clicking a radio button allows you to indicate the type of test performed.
Test ID	Use the drop-down list to select a Test ID from 1 to 9. Use 1 for the first test series completed on the reported date and increment for subsequent test series completed on the same date.

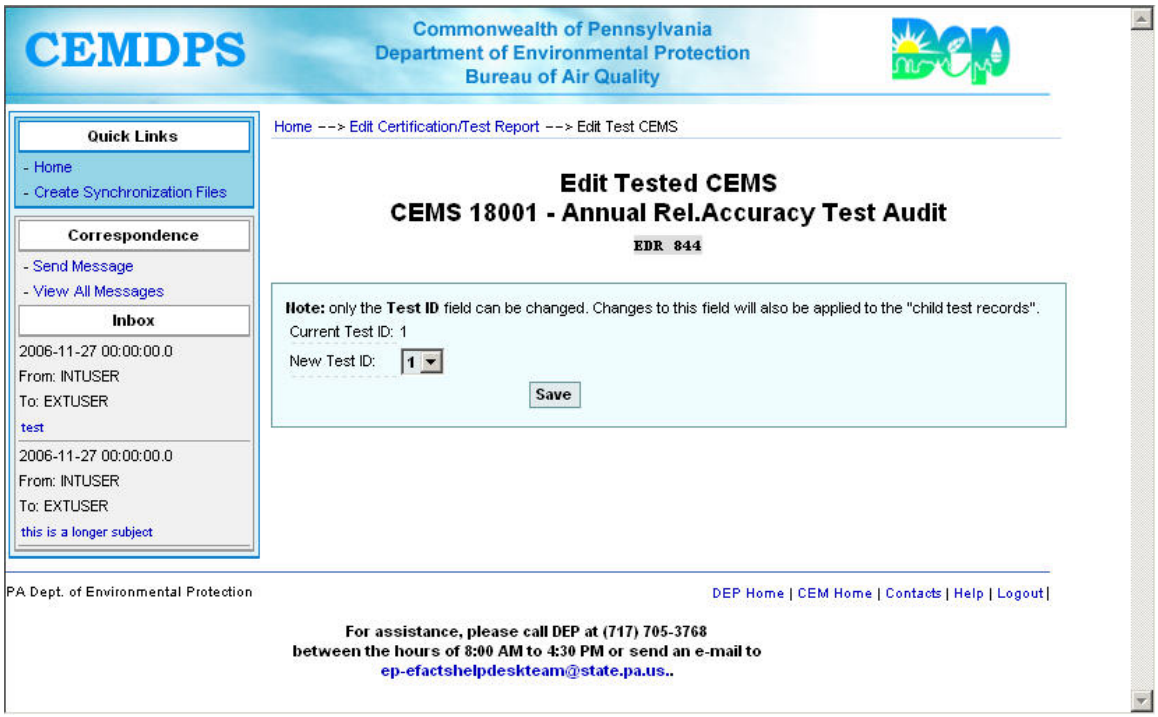
Button	Description
Save	Clicking SAVE saves the information and returns you to the *Certification/Test Report* page. An entry for the type of test selected appears under the CEMS heading in the *Certification/Test Report page*. Click EDIT next to the test to enter test information. See the CEMS section of the *Certification/Test Report* page for more details.

Edit Tested CEMS (EDR 844)

The *Edit Tested CEMS* page allows you to change the Test ID for a tested CEMS.

To edit a tested CEMS, follow the instructions for each field, as listed below. When finished, click SAVE at the bottom of the page.

Note that each "child test record" is a row of data for each test run under a single "Test ID."



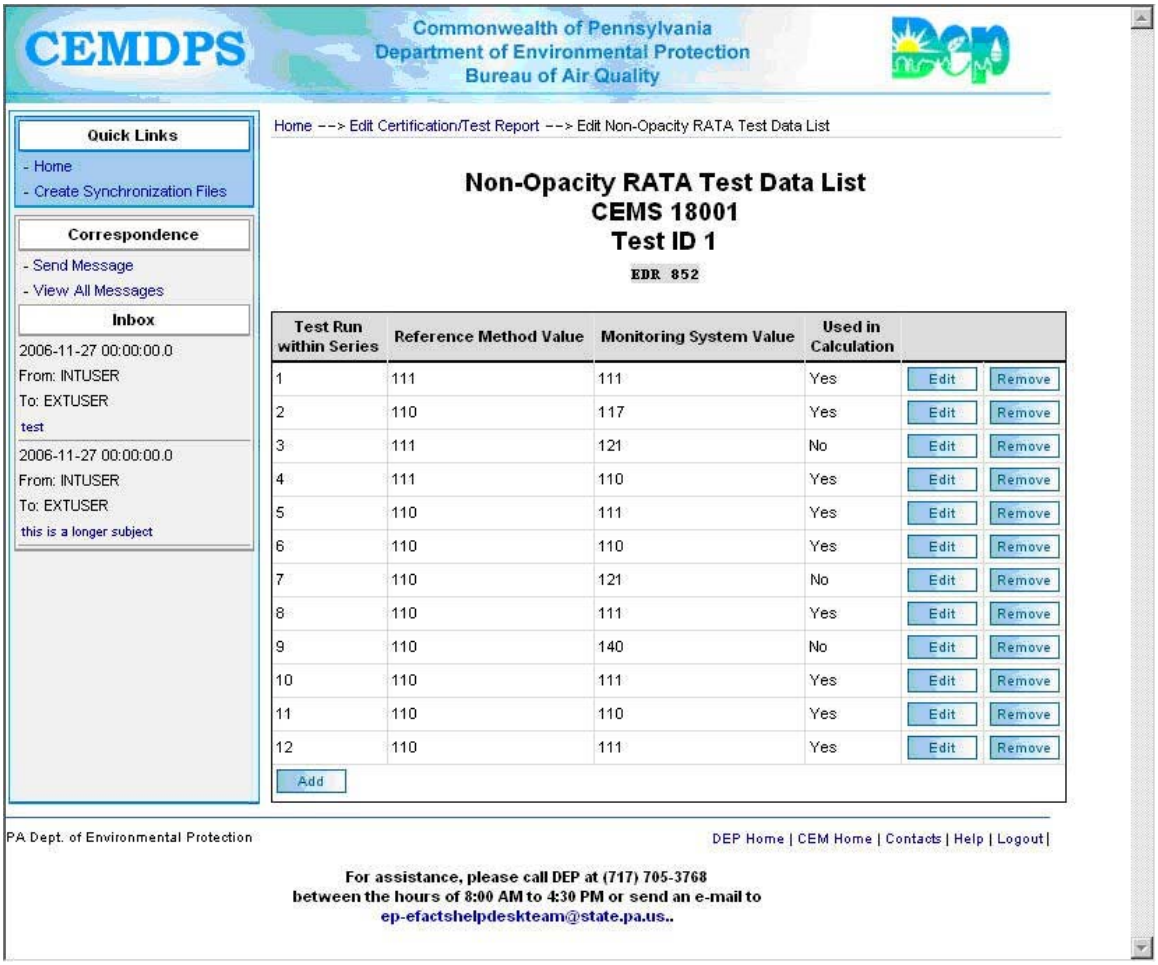
Field Label	Activity
Current Test ID	Displays the Test ID currently assigned to the tested CEMS.
New Test ID	Use the drop-down list to select a new Test ID from 1 to 9.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Certification/Test Report* page.

Non-Opacity RATA Test Data List (EDR 852)

The *Non-Opacity RATA Test Data List* page displays test information for each run in a series for a Test ID for a CEMS. You can also edit, remove, or add test run information from this page.

The table below describes the information displayed in the *Non-Opacity RATA Test Data List* page and the options available.



Column	Description
Test Run within Series	Displays the test run within the series as an integer 1 through 15.
Reference Method Value	Displays the Reference Method Value in units of the emission standard.
Monitoring System Value	Displays the Monitoring System Value in units of the emission standard.
Used in Calculation	Indicates whether the run is to be used in calculation of results.

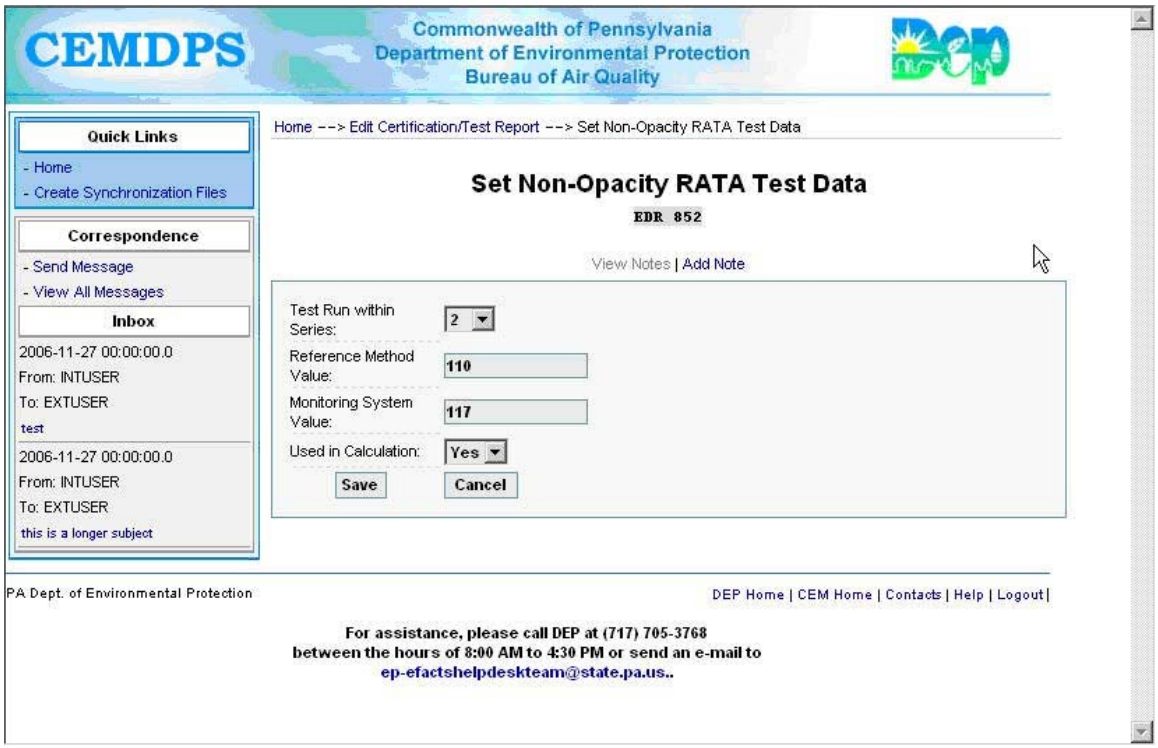
Button	Description
Add	Click ADD to enter a new test run for non-opacity RATA test data. The *Set Non-Opacity RATA Test Data* page displays.

Button	Description
Edit	Click EDIT next to the appropriate test run to make changes to that run data. The *Set Non-Opacity RATA Test Data* page displays.
Remove	Click REMOVE next to the appropriate test run to remove it from the data list. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

Set Non-Opacity RATA Test Data (EDR 852)

The *Set Non-Opacity Relative Accuracy Test Audit Data* page records information about non-opacity CEMS relative accuracy test audit runs conducted at your facility. If you run this type of test, you must enter this information for each test performed.

To add or edit Non-Opacity Relative Accuracy Test Audit Data, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Test Run Number Within Series	Use the drop-down list to enter the Test Run Number Within Series as an integer 1 through 15 in I2 format.
Reference Method Value	Enter the Reference Method Value, in units of the emission standard, in F13.3 format.
Monitoring System Value	Enter the Monitoring System Value, in units of the emission standard, in F13.3 format.
Used in Calculation	If the run is not to be used in calculation of results, use the drop-down list to enter *No*. If the run is to be used in calculation of results,

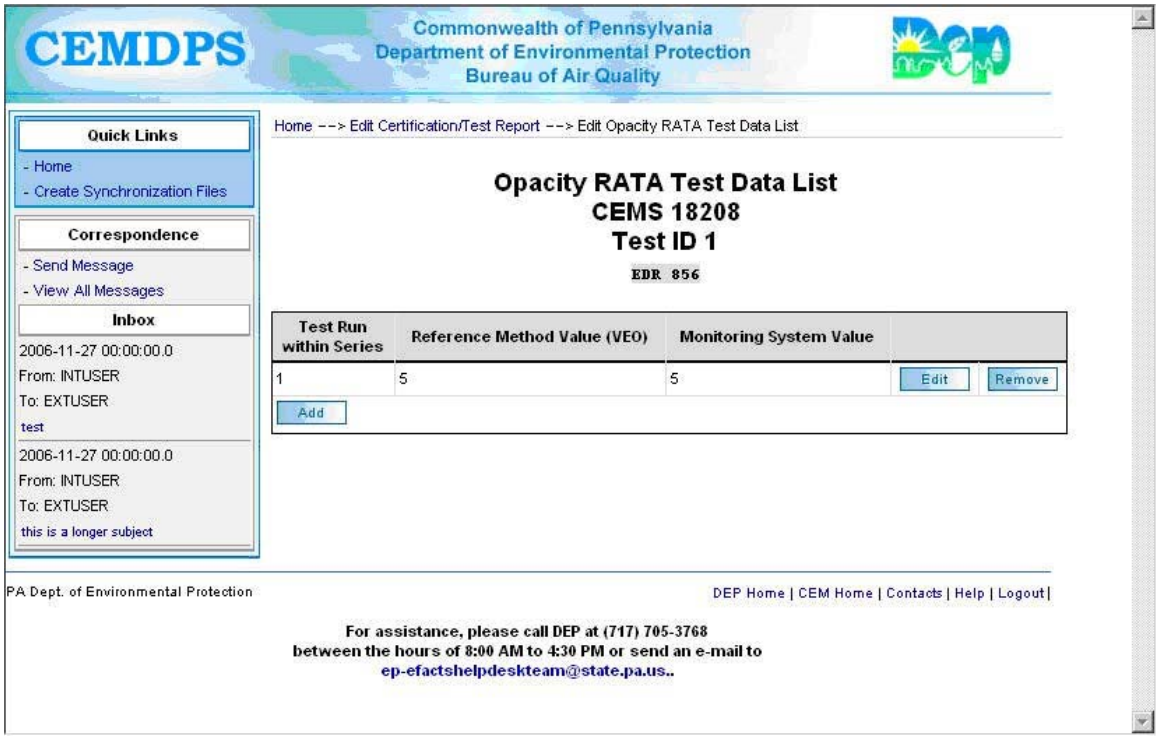
Field Label/Link	Activity
	use the drop-down list to enter *Yes.*

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Non-Opacity RATA Test Data List* page.

Opacity RATA Test Data List (EDR 856)

The *Opacity RATA Test Data List* page displays test information for each run in a series for a Test ID for a CEMS. You can also edit, remove, or add test run information from this page.

The table below describes the information displayed in the *Opacity RATA Test Data List* page and the options available.



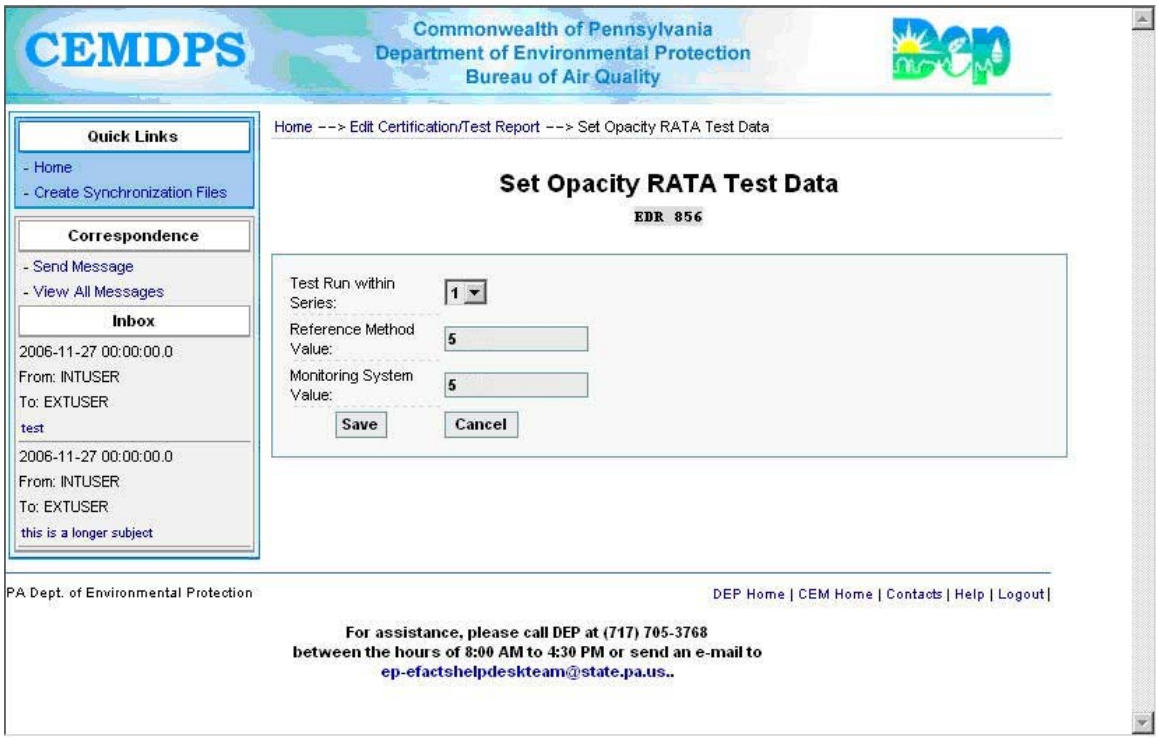
Column	Description
Test Run within Series	Displays the test run within the series as an integer 1 through 9.
Reference Method Value	Displays the Reference Method Value in units of the emission standard.
Monitoring System Value	Displays the Monitoring System Value in units of the emission standard.

Button	Description
Add	Click ADD to enter a new test run for opacity RATA test data. The *Set Opacity RATA Test Data* page displays.
Edit	Click EDIT next to the appropriate test run to make changes to that run data. The *Set Opacity RATA Test Data* page displays.
Remove	Click REMOVE next to the appropriate test run to remove it from the data list. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

Set Opacity RATA Test Data (EDR 856)

The *Set Opacity RATA Test Data* page records information about opacity CEMS relative accuracy test audit runs conducted at your facility. If you run this type of test, you must enter this information for each test performed.

To add or edit opacity RATA test data, follow the instructions for each field, as listed below. When finished, click SAVE at the bottom of the page.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Test Run within Series	Use the drop-down list to enter the Test Run Number Within Series as an integer 1 through 9.
Reference Method Value	Enter the Reference Method Value in % opacity in F6.2 format.
Monitoring System Value	Enter the Monitoring System Value in % opacity in F6.2 format.

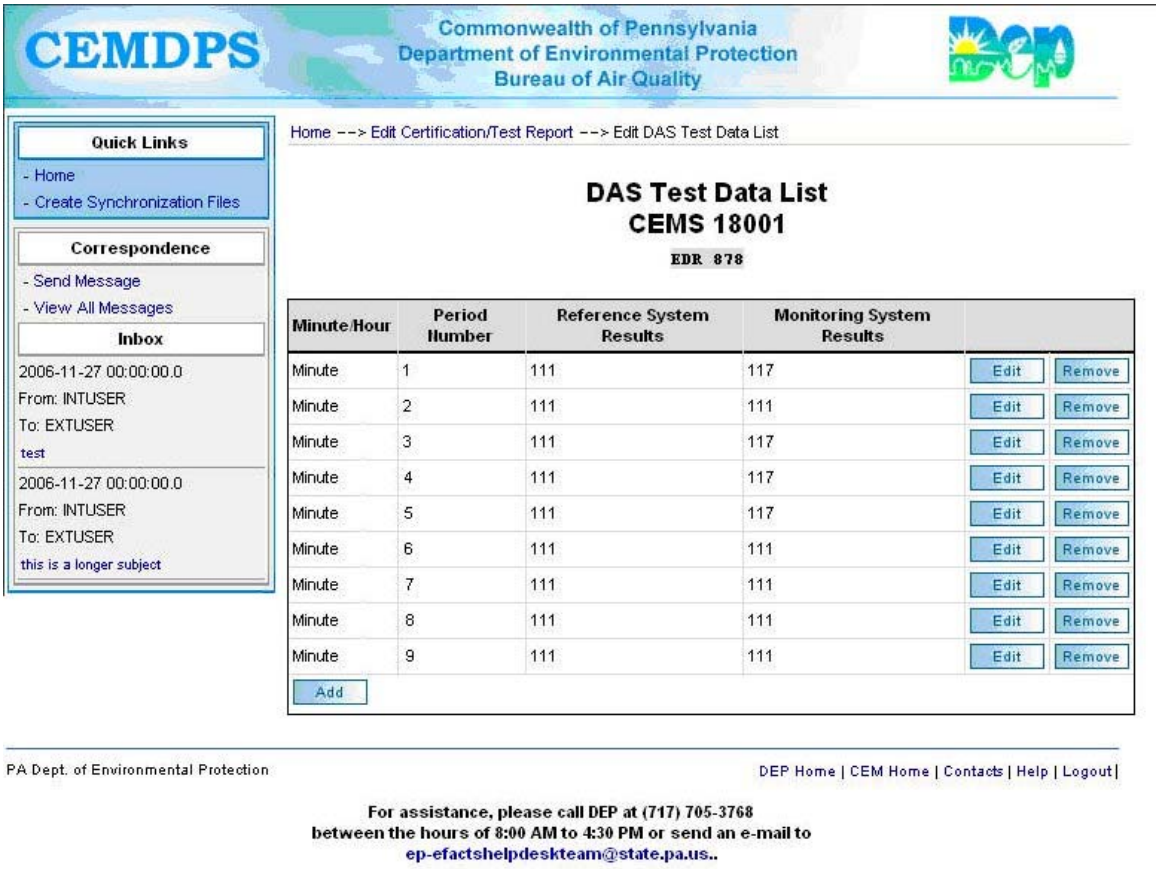
Button	Description
Save	Clicking SAVE saves the information and returns you to the *Opacity*

Button	Description
	RATA Test Data List page.

DAS Test Data List (EDR 878)

The *DAS Test Data List* page displays CEMS DAS test runs conducted at your facility. You can also edit, remove, or add test run information from this page.

The table below describes the information displayed in the *DAS Test Data List* page and the options available.



Column	Description
Minute/Hour	Indicates whether the data is reported in minutes or hours.
Period Number	Indicates the Period Number (test run number) as an integer as follows: • If data is in hours, displays a value from 1 to 9. • If data is in minutes, displays a value from 1 to 60.
Reference System Results	Indicates the Reference System Results in units of the emission standard.
Monitoring System Results	Indicates the Monitoring System Results in units of the emission standard.

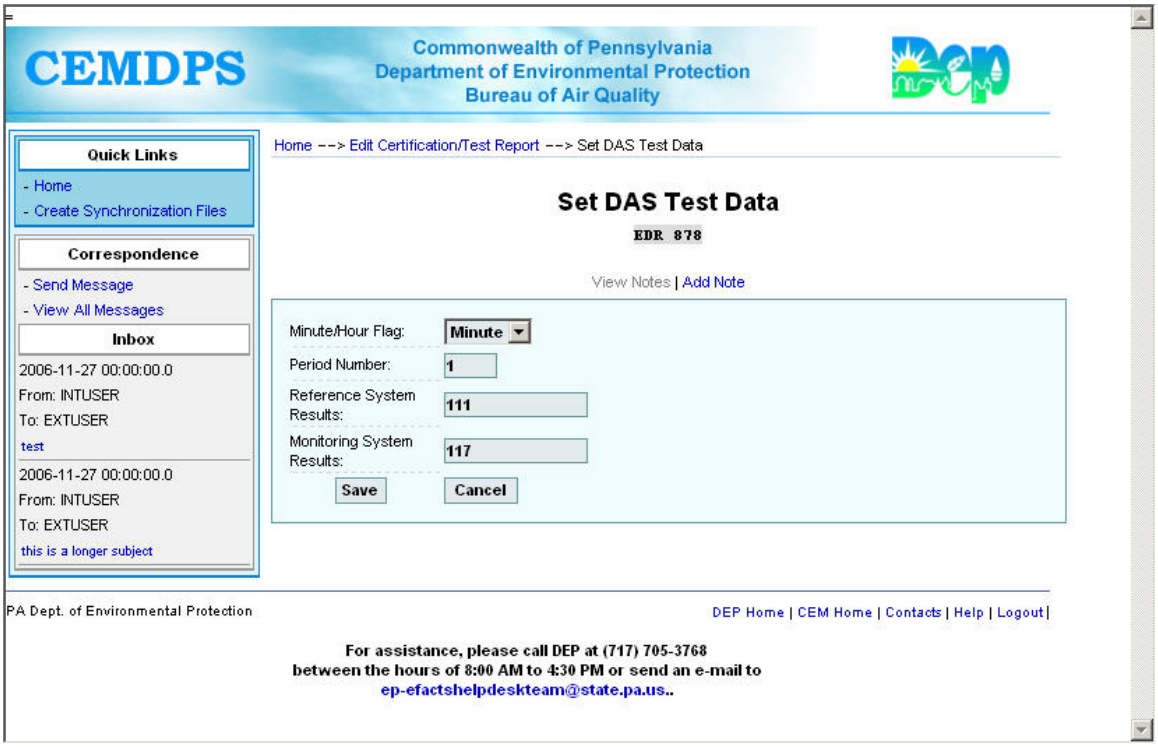
Button	Description

Button	Description
Add	Click ADD to enter a new test run for DAS test data. The *Set DAS Test Data* page displays.
Edit	Click EDIT next to the appropriate test run to make changes to that run data. The *Set DAS Test Data* page displays.
Remove	Click REMOVE next to the appropriate test run to remove it from the data list. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

Set DAS Test Data (EDR 878)

The *Set DAS Test Data* page records information about CEMS DAS test runs conducted at your facility. If you run this type of test, you must enter this information for each test performed.

To add or edit DAS Test Data, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Minute/Hour Flag	Use the drop-down list to enter whether the data is reported in minutes or hours.
Period Number	Report the Period Number (test run number), as an integer as follows: • If data is in hours (as entered in the Minute/Hour Flag), enter a value from 1 to 9 in I2 format. • If data is in minutes (as entered in the Minute/Hour Flag), enter a value from 1 to 60 in I2 format.
Reference System Results	Report the Reference System Results in units of the emission standard in F13.3 format.

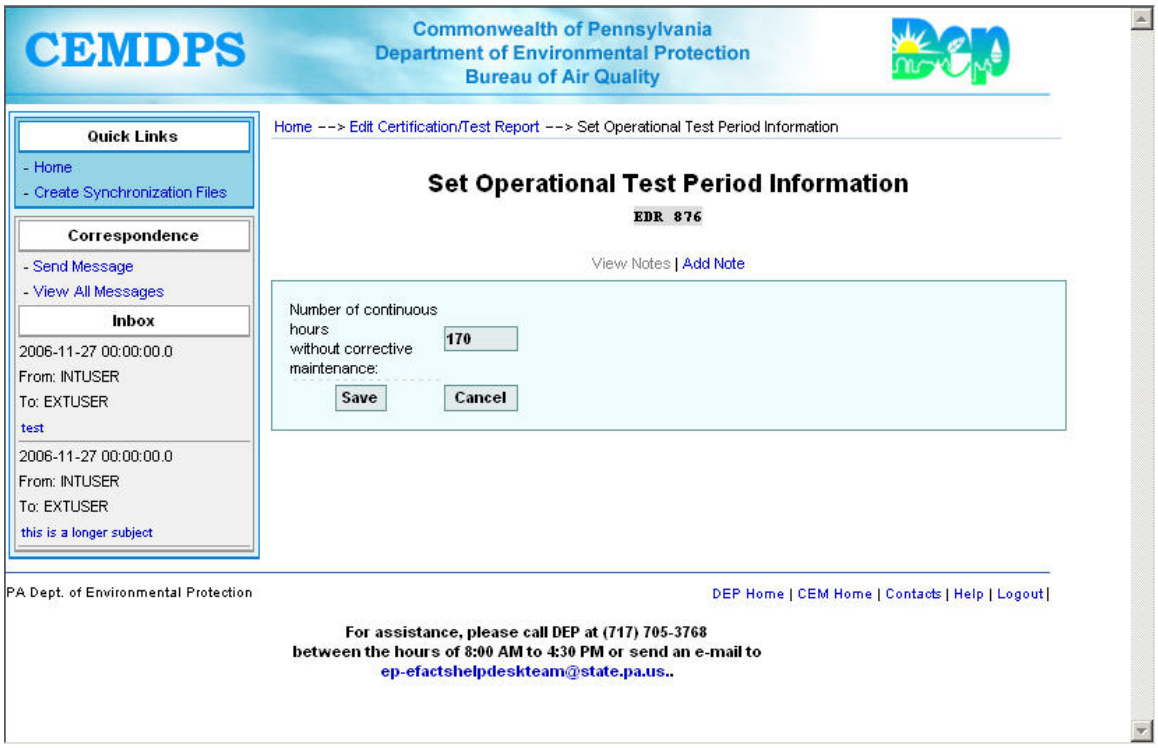
Field Label/Link	Activity
Monitoring System Results	Report the Monitoring System Results in units of the emission standard in F13.3 format.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *DAS Test Data List* page.

Set Operational Test Period Information (EDR 876)

The *Set Operational Test Period Information* page records information about CEMS operational test period test runs conducted at your facility. If you run this type of test, you must enter this information for each test performed.

To set Operational Test Period Results, enter the Number of Continuous Hours Without Corrective Maintenance as an integer in I3 format. When finished, click SAVE.

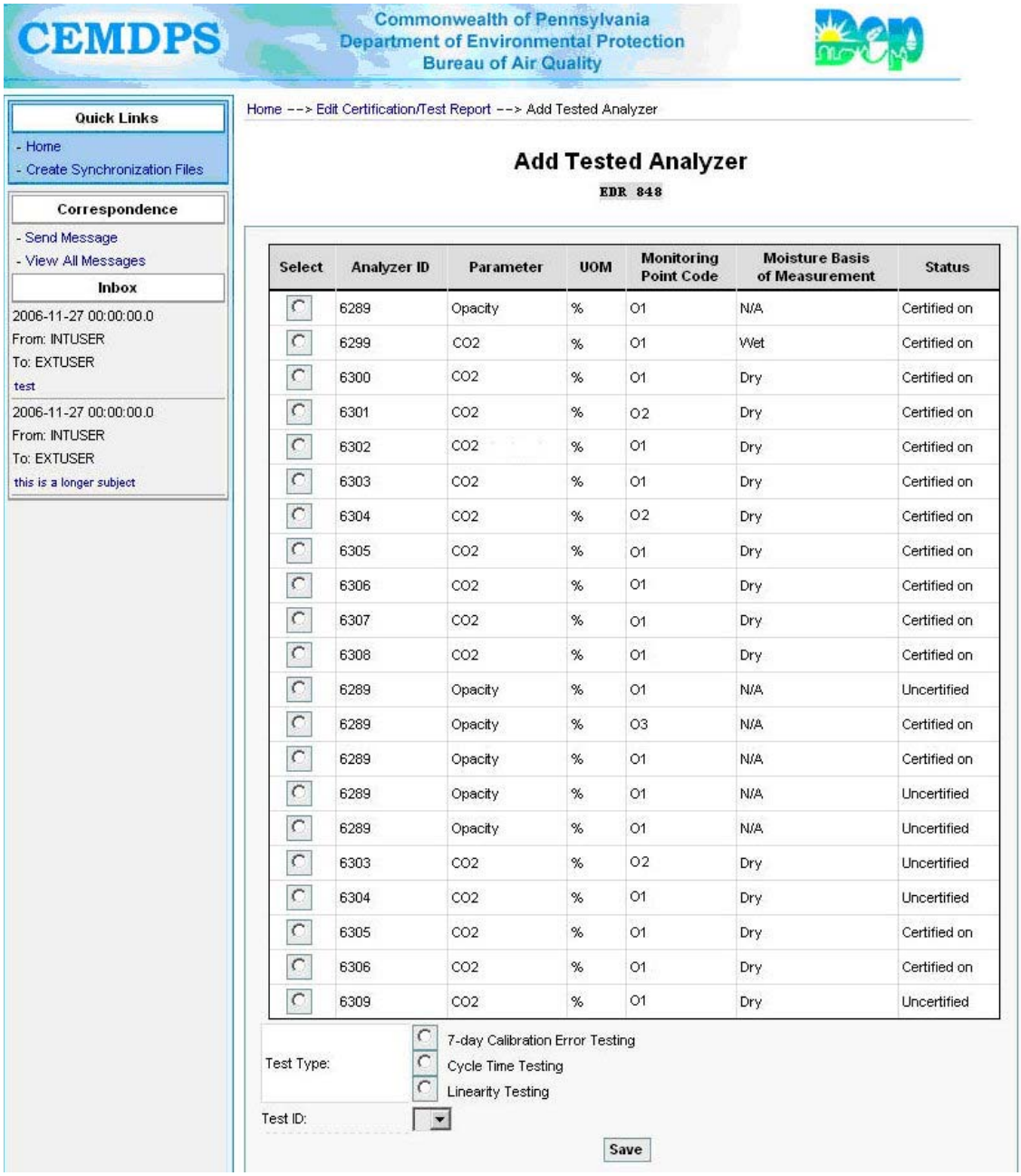


Analyzers

Add Tested Analyzer (EDR 848)

The *Add Tested Analyzer* page records information about the type of analyzer tests you're performing at your facility. You must report this information for each analyzer tested at your facility within 10 days of test completion.

To add a tested analyzer, follow the instructions for each field, as listed below. When finished, click SAVE at the bottom of the page.



Field Label	Activity
Select	Click the radio button to select the analyzer being tested.
Analyzer ID	Displays Analyzer ID for the facility.
Parameter	Displays the parameter/pollutant for the analyzer.
UOM	Displays the units of measurement for the analyzer.
Monitoring Point Code	Displays the monitoring point code for the analyzer.
Moisture Basis of Measurement	Displays the moisture basis of measurement for the analyzer.
Status	Indicates the current status of the analyzer.
Test Type	Click the radio button to select the type of test being performed. • Linearity testing • 7-day calibration error testing • Cycle time testing
Test ID	Use the drop-down list to select a Test ID from 1 to 9. Use 1 for the first test series completed on the reported date and increment for subsequent test series completed on the same date.

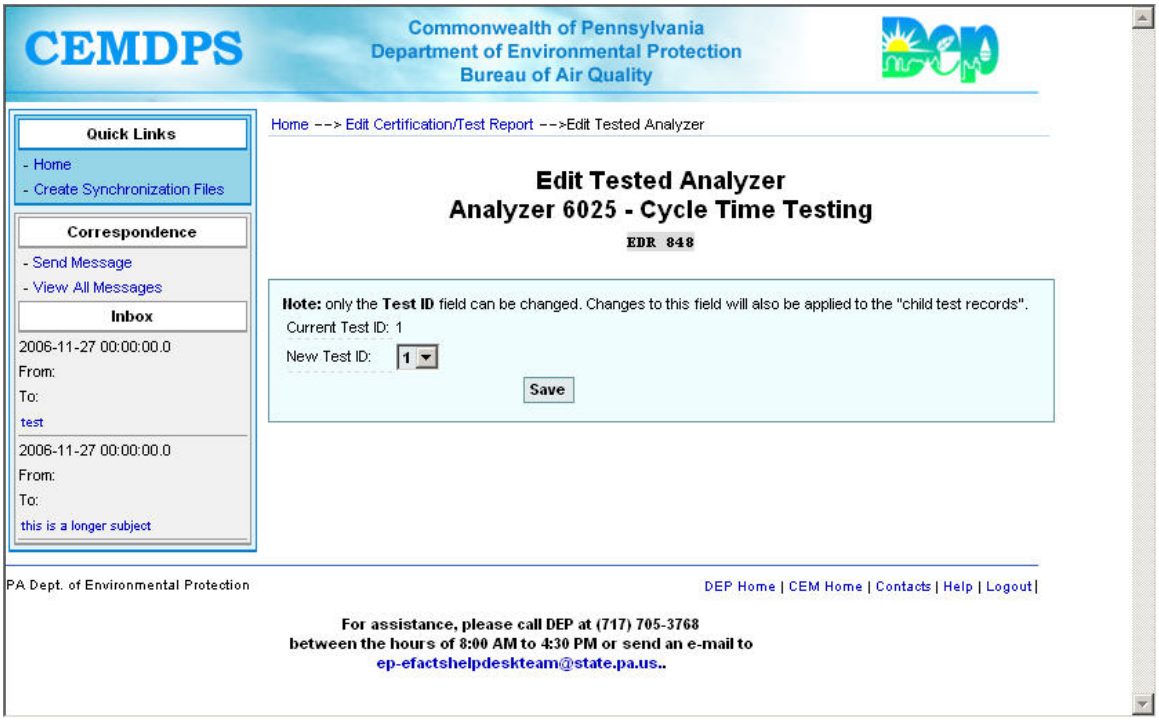
Button	Description
Save	Clicking SAVE saves the information and returns you to the *Certification/Test Report* page. An entry for the type of test selected appears under the Analyzers heading in the *Certification/Test Report page*. Click EDIT next to the test to enter test information. See the Analyzers section of the *Certification/Test Report* page for more details.

Edit Tested Analyzer (EDR 848)

The *Edit Tested Analyzer* page allows you to change the Test ID for a tested analyzer.

To edit a tested analyzer, follow the instructions for each field, as listed below.

Note that each “child test record” is a row of data for each test run under a single “Test ID.”



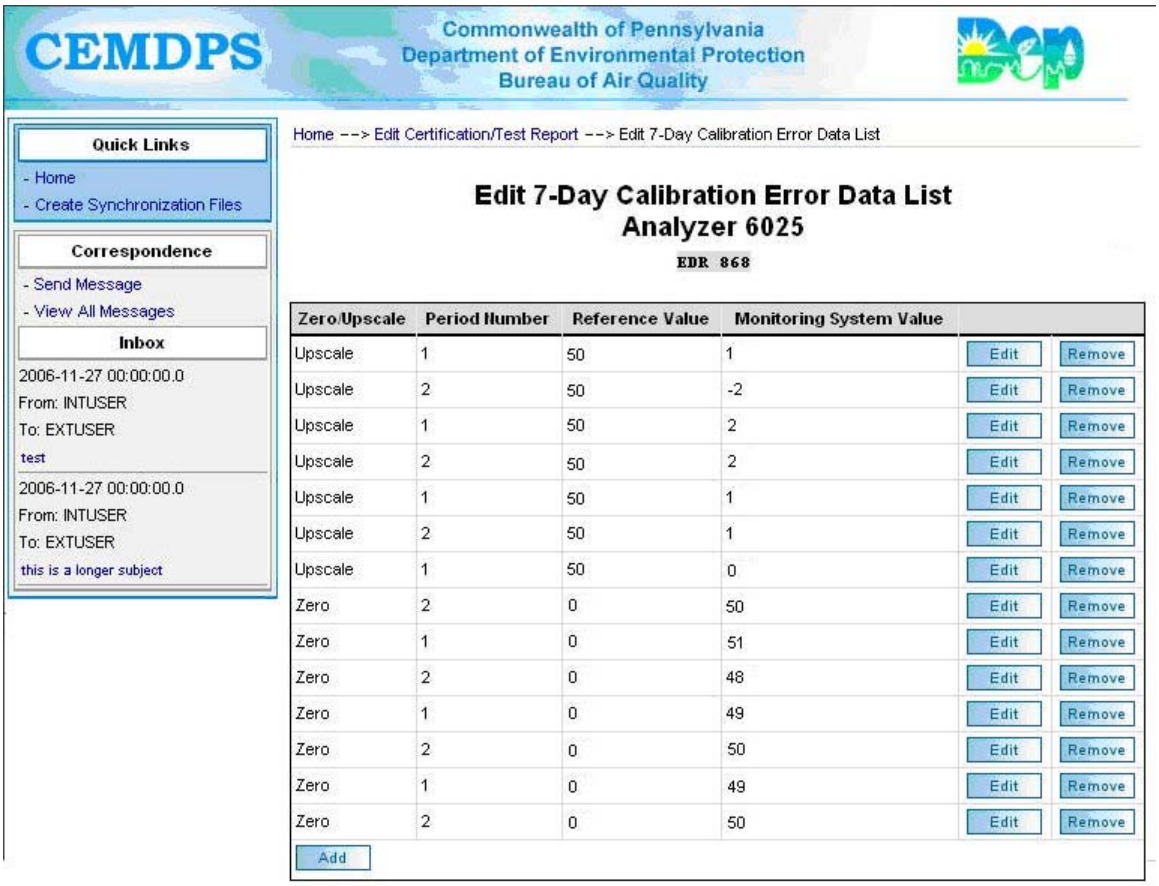
Field Label	Activity
Current Test ID	Displays the Test ID currently assigned to the tested analyzer.
New Test ID	Use the drop-down list to select a new Test ID from 1 to 9.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Certification/Test Report* page.

7-Day Calibration Error Data List (EDR 868)

The *7-Day Calibration Error Data List* page displays analyzer 7-day calibration error data test runs conducted at your facility. You can also edit, remove, or add test run information from this page.

The table below describes the information displayed in the *7-Day Calibration Error Data List* page and the options available.



Column	Description
Zero/Upscale	Indicates whether the test is zero or upscale.
Period Number	Displays the period number for the test.
Reference Value	Displays the reference value for the test.
Monitoring System Value	Displays the monitoring system value for the test.

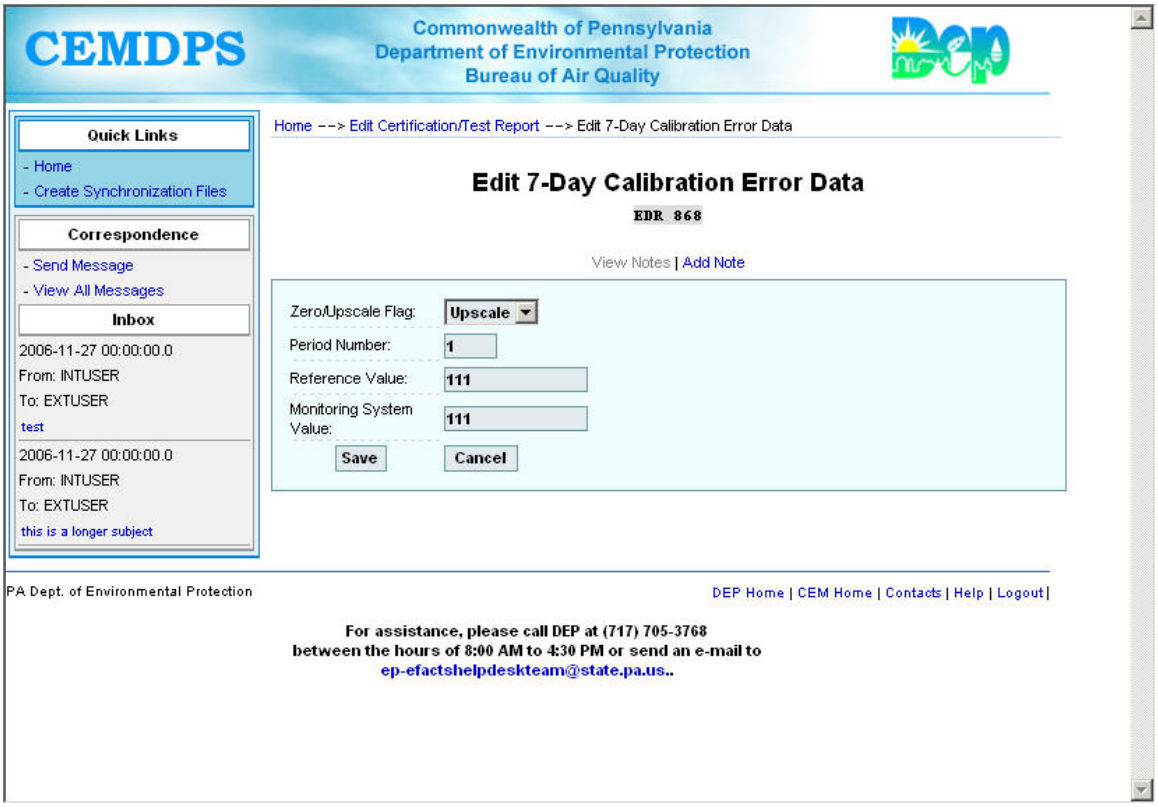
Button	Description
Add	Click ADD to enter a new test run for 7-day calibration error data. The *Edit 7-Day Calibration Error Data* page displays.
Edit	Click EDIT next to the appropriate test run to make changes to that run data. The *Edit 7-Day Calibration Error Data* page displays.

Remove	Click REMOVE next to the appropriate test run to remove it from the data list. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

Edit 7-Day Calibration Error Data (EDR 868)

The *Edit 7-Day Calibration Error Data* page records information about 7-day calibration error test runs conducted on analyzers at your facility. If you run this type of test, you must enter this information for each test performed.

To add or edit 7-Day Calibration Error Data, follow the instructions for each field, as listed below.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Zero/Upscale Flag	Use the drop-down list to enter *Zero* or *Upscale.*
Period Number	Enter the period number (sequential day number) as an integer 1 through 7.
Reference Value	Enter the reference value in units of measurement in F13.3 format.
Monitoring System	Enter the monitoring system value in units of measurement in F13.3

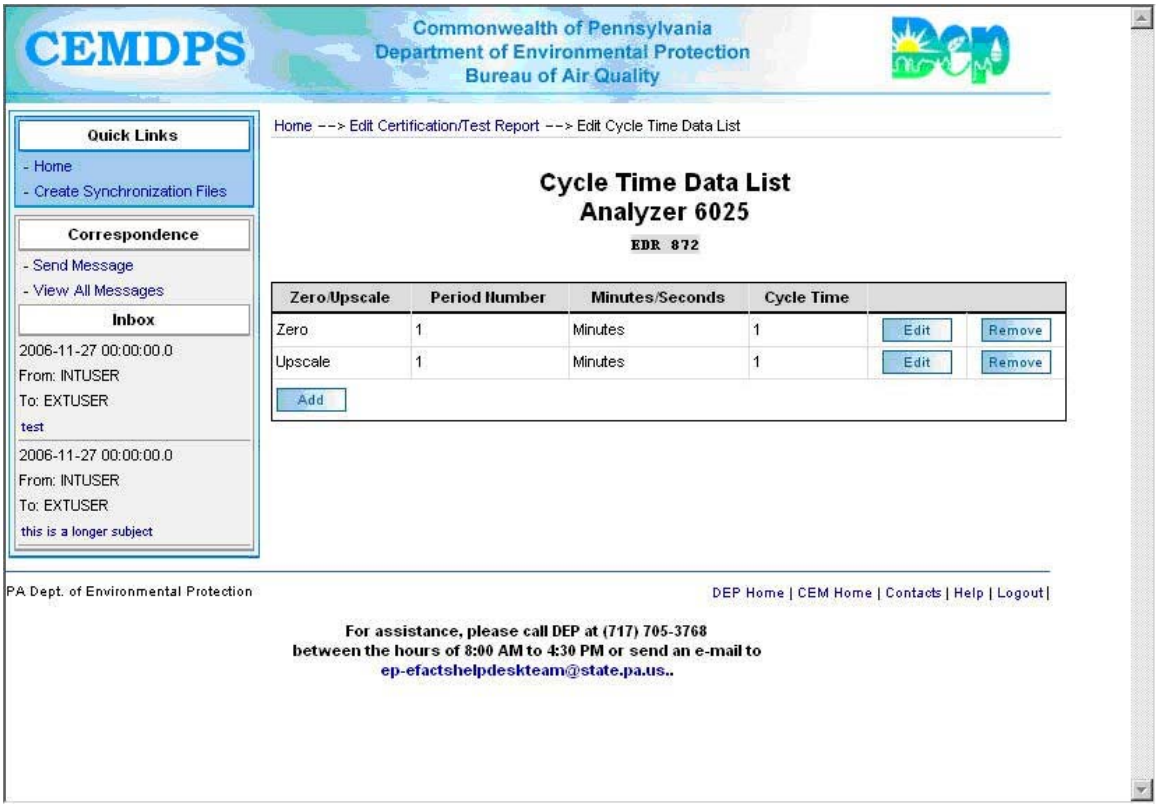
Value	format.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *7-Day Calibration Error Data List* page.

Cycle Time Data List (872)

The *Cycle Time Data List* page displays cycle time data test runs conducted at your facility. You can also edit, remove, or add test run information from this page.

The table below describes the information displayed in the *Cycle Time Data List* page and the options available.



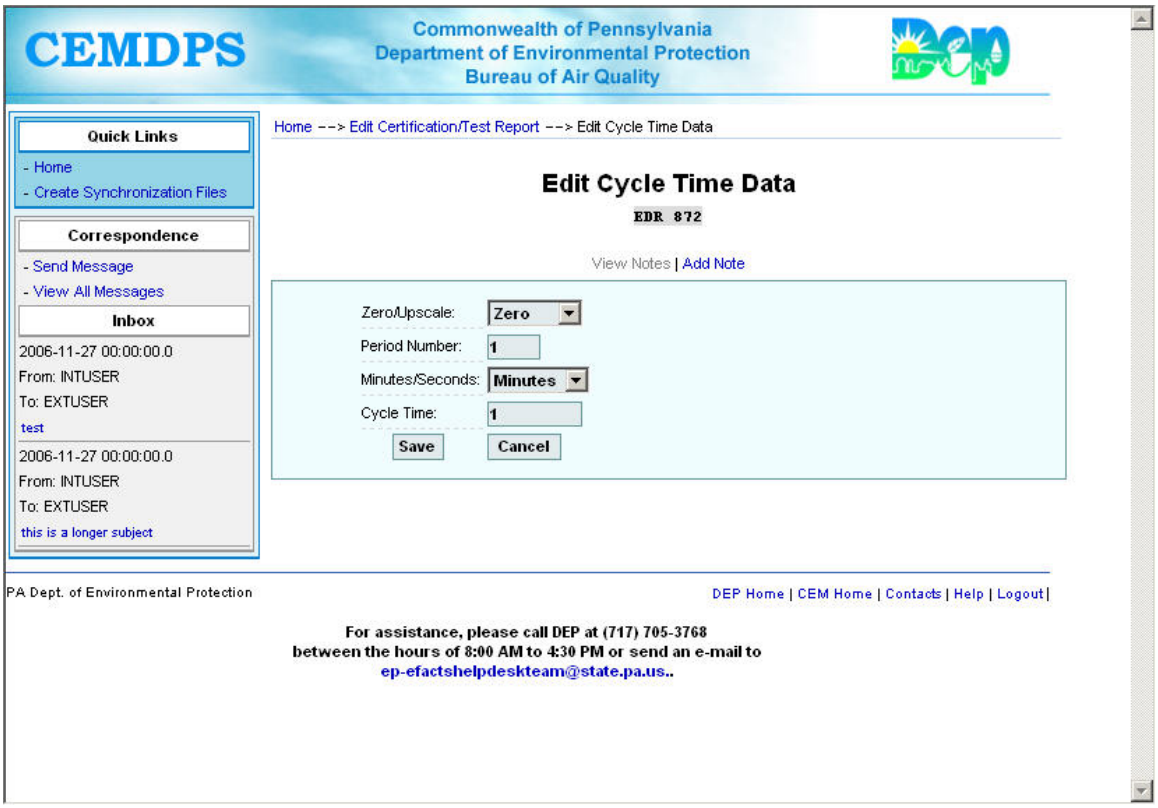
Column	Description
Zero/Upscale	Indicates whether the test is zero or upscale.
Period Number	Displays the period number of the test.
Minutes/Seconds	Indicates whether the cycle time for the test is in minutes or seconds.
Cycle Time	Displays the cycle time for the test.

Button	Description
Add	Click ADD to enter a new test run for cycle time data. The *Edit Cycle Time Data* page displays.
Edit	Click EDIT next to the appropriate test run to make changes to that run data. The *Edit Cycle Time Data* page displays.
Remove	Click REMOVE next to the appropriate test run to remove it from the data list. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

Edit Cycle Time Data (EDR 872)

The *Edit Cycle Time Data* page records information about cycle time test runs conducted on analyzers at your facility. If you run this type of test, you must enter this information for each test performed.

To add or edit Cycle Time Data, follow the instructions for each field, as listed below.



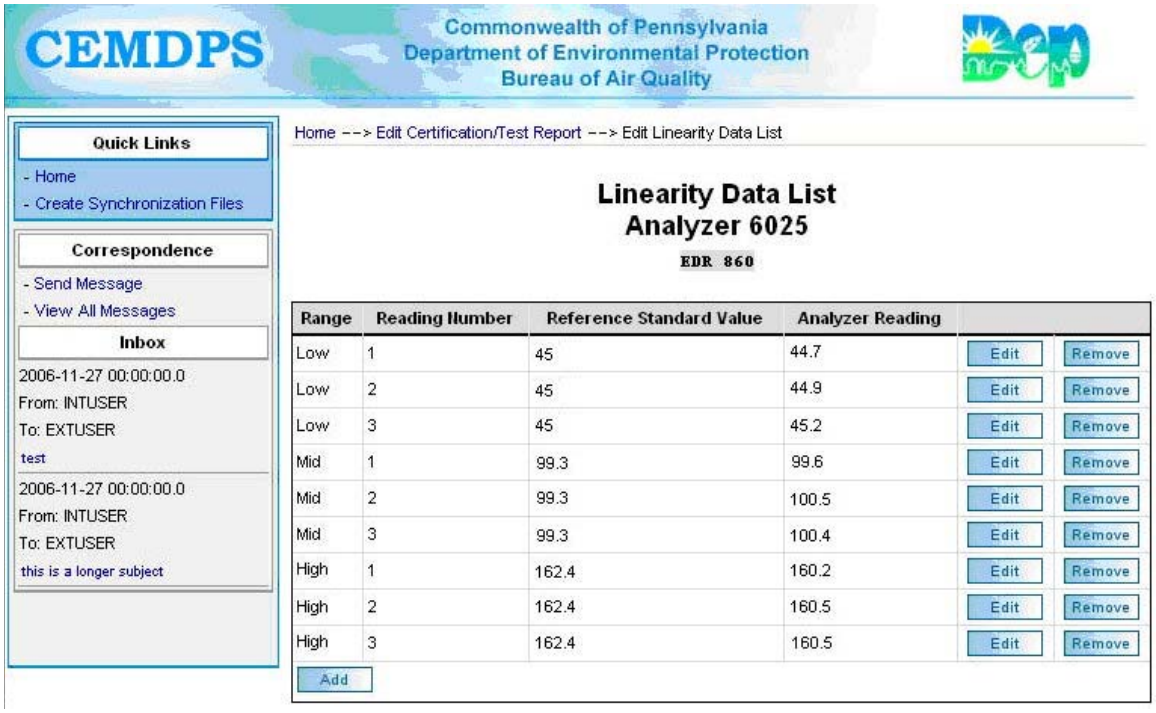
Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Zero/Upscale Flag	Use the drop-down list to enter *Zero* or *Upscale*.
Period Number	Enter the Period Number (test run number) as an integer 1 through 3.
Minutes/Seconds Flag	Use the drop-down list to enter whether the Cycle Time is determined in *Minutes* or *Seconds*.
Cycle Time	Enter the Cycle Time for the test run in minutes or seconds (according to the value reported in the Minutes/Seconds Flag) in I2 format.

Button	Description
Save	Clicking SAVE saves the information and returns you to the *Cycle Time Data List* page.

Linearity Data List (EDR 860)

The *Linearity Data List* page displays analyzer linearity data test runs conducted at your facility. You can also edit, remove, or add test run information from this page.

The table below describes the information displayed in the *Linearity Data List* page and the options available.



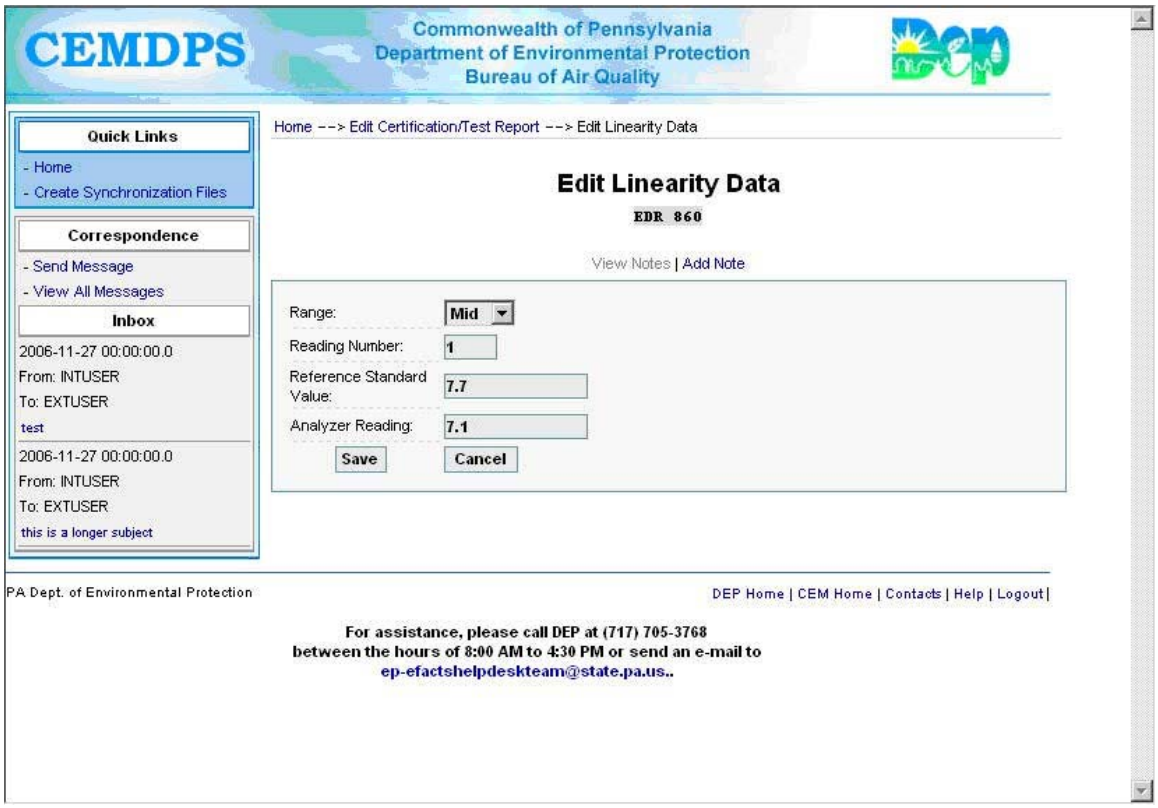
Column	Description
Range	Displays the range of the analyzer.
Reading Number	Displays the reading number within range for the analyzer.
Reference Standard Value	Displays the reference standard value for the analyzer.
Analyzer Reading	Displays the analyzer reading.

Button	Description
Add	Click ADD to enter a new test run for linearity data. The *Edit Linearity Data* page displays.
Edit	Click EDIT next to the appropriate test run to make changes to that run data. The *Edit Linearity Data* page displays.
Remove	Click REMOVE next to the appropriate test run to remove it from the data list. Clicking this link opens the *Delete <Item>* page, which allows you to confirm or cancel the deletion.

Edit Linearity Data (EDR 860)

The *Edit Linearity Data* page records information about each analyzer linearity test run conducted at your facility. If you run this type of test, you must enter this information for each test performed.

To add or edit Linearity Data, follow the instructions for each field, as listed below. When finished, click SAVE at the bottom of the page.



Field Label/Link	Activity
View Notes	Clicking the View Notes link opens the *View Notes* page, which allows you to view all notes associated with this item. **Note:** This link is active only in the online CEMDPS application.
Add Note	Clicking the Add Note link opens the *Add Note* page, which allows you to enter a note for this item. **Note:** This link is active only in the online CEMDPS application.
Range	Use the drop-down list to enter the range. The drop-down list contains the valid values for this field. If the value you need is not in the drop-down list, please contact the DEP to request that a new value be added. Examples of acceptable values are: • Zero • Low • Mid • High

Field Label/Link	Activity
Reading Number	Enter the Reading Number within range as an integer 1 through 5.
Reference Standard Value	Enter the Reference Standard Value in units of measurement in F13.3 format.
Analyzer Reading	Enter the Analyzer Reading in units of measurement in F13.3 format.

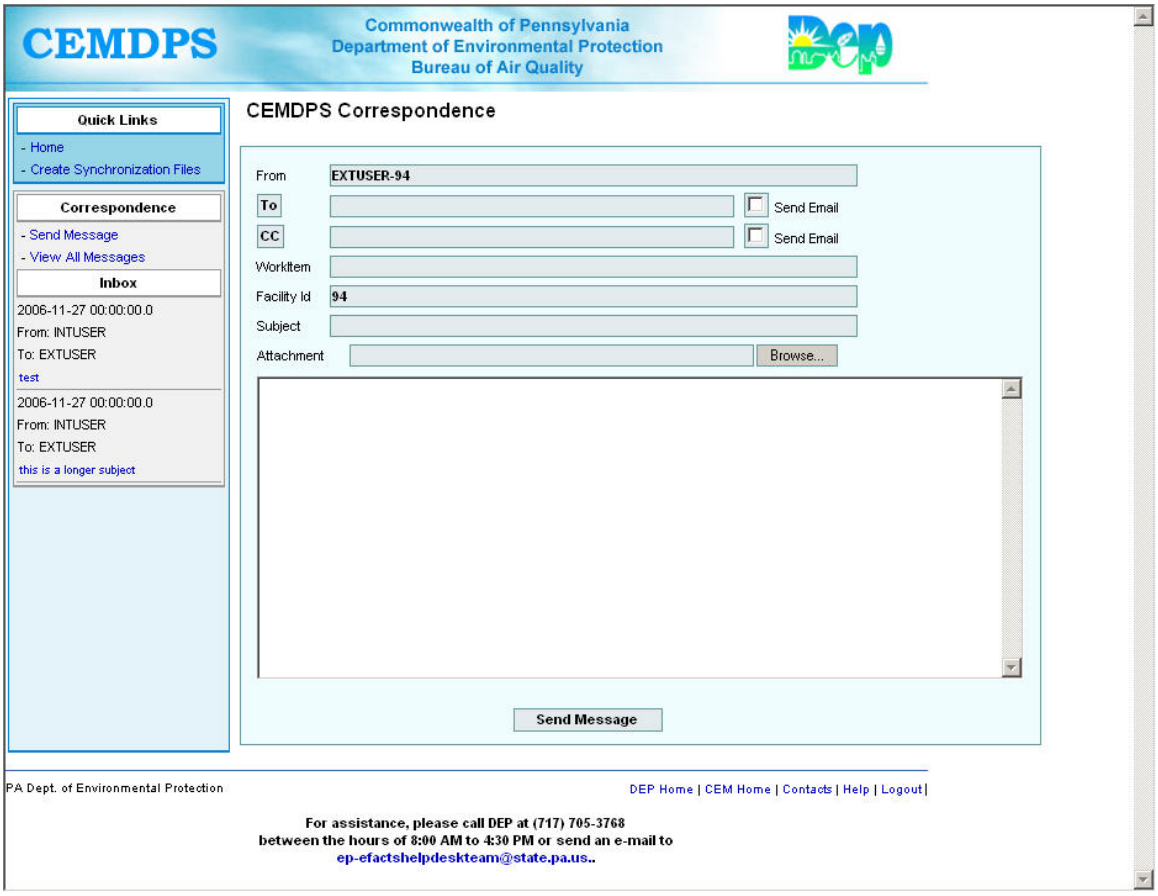
Correspondence

CEMDPS Correspondence

The *CEMDPS Correspondence* page provides the ability to send a message to another CEMDPS user regarding a CEMDPS work item or to view a message from another user. Information displayed and options available on this page appear in the table below.

Note: The CEMDPS correspondence system is unavailable in the CEMDPS disconnected client application.

Note: Options on the *CEMDPS Correspondence* page vary slightly when sending a message and when viewing a message. Some options are disabled when viewing a message. The differences in the page when sending or viewing a message are indicated in the table below.



Field Label	Description
From	• When sending a message, automatically displays your user ID. • When viewing a message, displays the user ID of the person who sent the message.
Send Email	This option is enabled only when sending a message. Click to check

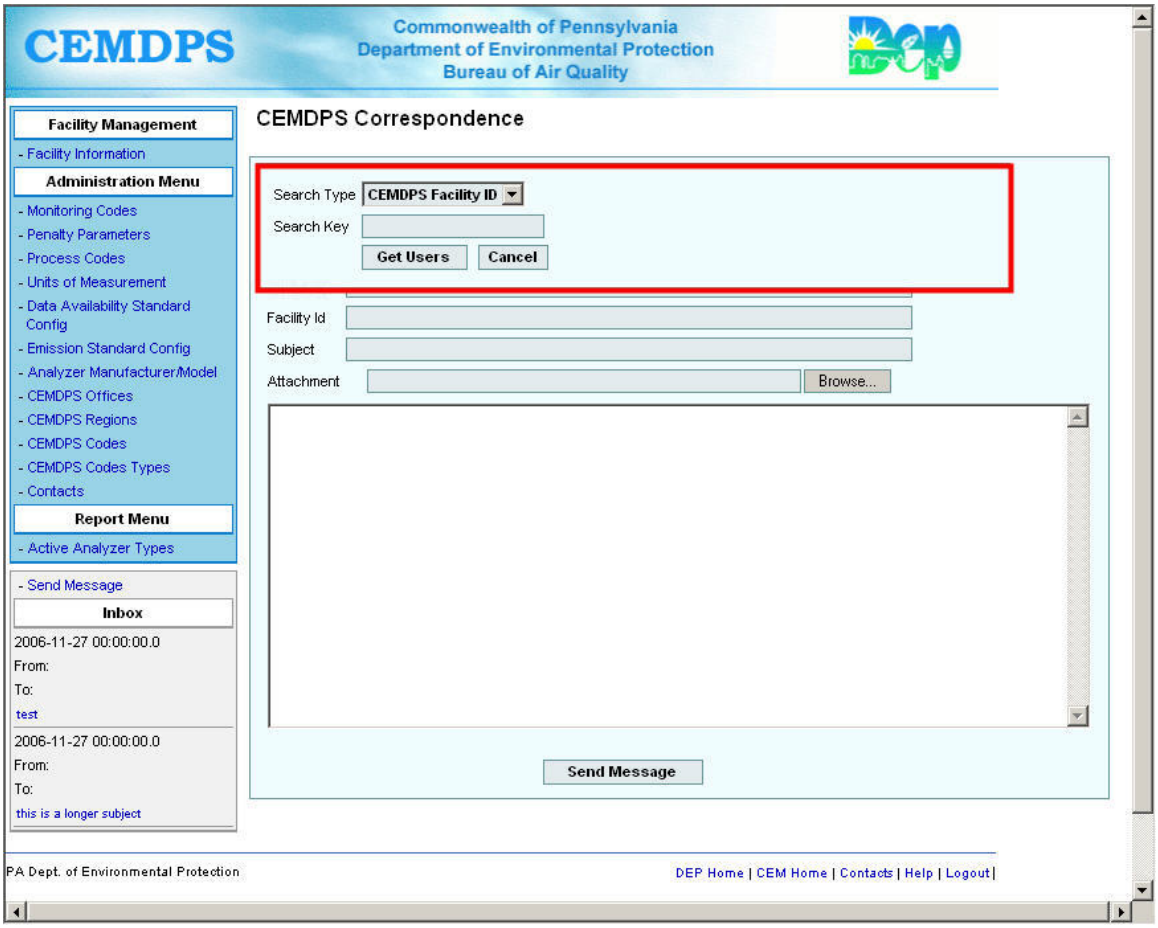
Field Label	Description
	the Send Email option next to the To or CC fields if you want a copy of the message sent to the user's email address, as defined in the user's profile in Greenport. In this case, recipients can view the message via the *CEMDPS Correspondence* page in the CEMDPS application or as a message in their email application. **Note:** When you click the Send Email option, ***all*** recipients in the To or CC fields will receive the message in their email application.
Work Item	• When sending a message, automatically inserts the work item, if applicable, from the page from which you opted to send a message. • When viewing a message, displays the work item, if applicable, from which the sender created the message.
Facility ID	• When sending a message, automatically inserts your facility ID. • When viewing a message, displays the sender's facility.
Subject	• When sending a message, enter the subject of the message. • When viewing a message, displays the subject of the message.
Attachment	• When sending a message, displays the file selected for attachment to the message. See the description of the BROWSE button below for information on choosing a file for attachment. • When viewing a message, displays the attachment file name as a link. Clicking the file name link opens the attachment.
<unlabeled text box>	• When sending a message, enter your message in the large text box. • When viewing a message, displays the body of the message.

Button	Description
To	• When sending a message, click TO to use the *Find User Pop-Up* to select the person(s) to receive the message. See *Find User Pop-Up* for more information. • When viewing a message, displays the user IDs of the users to whom the message was sent.
CC	• When sending a message, click CC to use the *Find User Pop-Up* to select the person(s) to receive a copy of the message. See *Find User Pop-Up* for more information. • When viewing a message, displays the user IDs of the users to whom the message was copied.
Browse	This button only appears when sending a message. Click BROWSE to navigate to the file you want to attach to the message. When you select a file, the path and file name display in the Attachment text box.
Send Message	This button only appears when sending a message. Click SEND MESSAGE to send the message to the recipients.

Find User Pop-Up

The *Find User Pop-Up* displays when you click TO when sending a message in the *CEMDPS Correspondence* page. The *Find User Pop-Up* displays over the message page and lets you search for the user IDs of the intended recipients of the message.

To find a CEMDPS user with the *Find User Pop-Up*, follow the instructions for each field, as listed below.



Field Label	Description
Search Type	Enter the search type using the drop-down list. You may search for users by: • CEMDPS Facility ID - Search by the ID for the facility generated in the CEMDPS. • Primary Facility ID - Search by the main ID for the facility generated by the DEP. • Regional - Search by DEP region. • All Internal Users - Search within all internal CEMDPS users. • All External Users - Search within all external CEMDPS users.

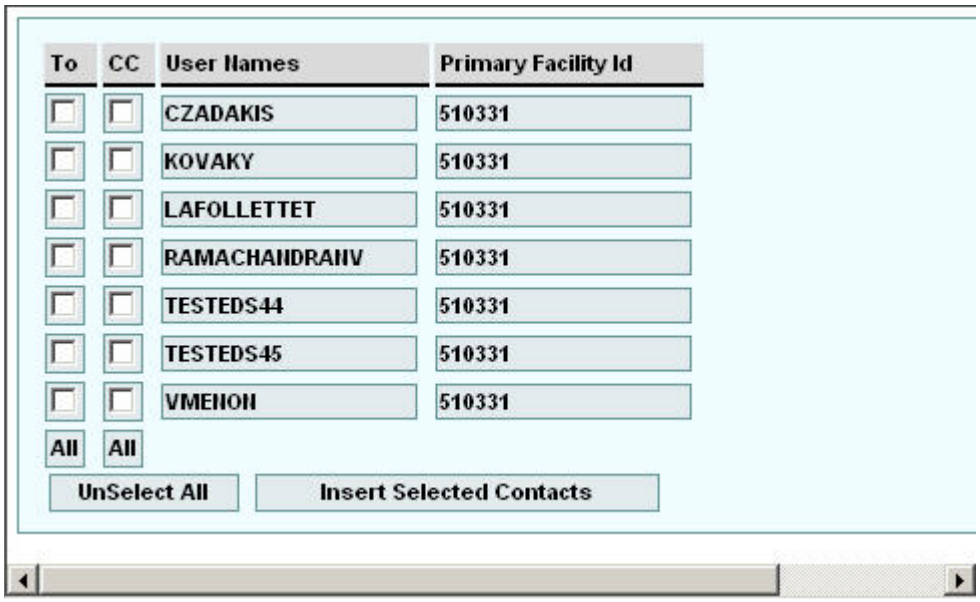
Field Label	Description
Search Key	Depending on the Search Type you selected, enter the search criteria for finding users as follows: • ***CEMDPS Facility ID*** - Enter the ID for the facility generated in the CEMDPS. The search returns a list of all users at the facility. • ***Primary Facility ID*** - Enter the main ID for the facility generated by the DEP. The search returns a list of all users at the facility. • ***Regional*** - Enter a DEP region name. The search returns a list of all users in that region. • ***All Internal Users*** - If you selected All Internal Users as the Search Type, the Search Key area is disabled. The search returns a list of all internal CEMDPS users. • ***All External Users*** - If you selected All External Users as the Search Type, the Search Key area is disabled. The search returns a list of all external CEMDPS users.

Button	Description
Get Users	Clicking GET USERS displays a list of users matching your criteria in the *Select Users Pop-Up*. If no users match the search criteria, the message "Cannot find a match for the search criteria" appears in the *Select Users Pop-Up*.
Cancel	Clicking CANCEL closes the *Find Users Pop-Up* without performing a search.

Select Users Pop-Up

The *Select Users Pop-Up* displays a list of CEMDPS users who match the criteria entered in the *Find User Pop-Up.* From this list, you can select users to receive a message. The selected users' IDs appear in the To or CC fields in the *CEMDPS Correspondence* page.

To select users to receive a message, follow the instructions for each field, as listed below.



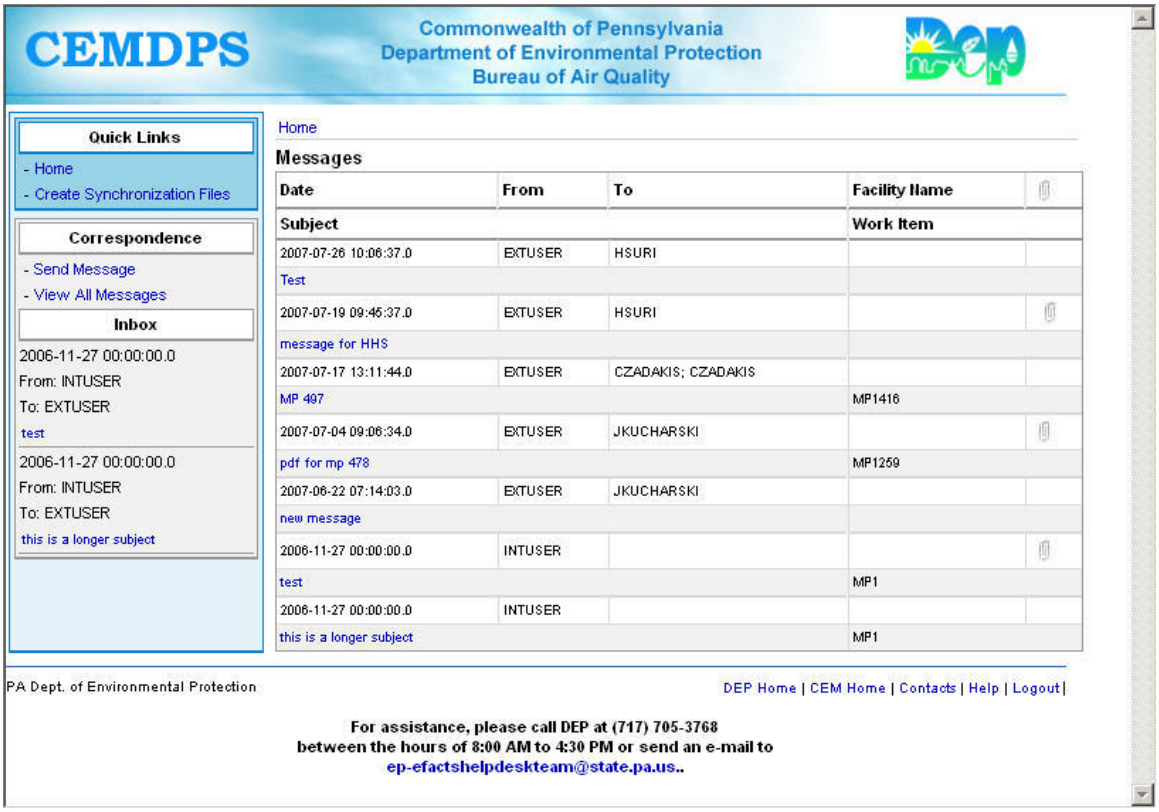
Column	Description
To	Click to check users to receive the message.
CC	Click to check users to receive a copy of the message.
User Names	Displays the users matching the search criteria entered in the *Find User Pop-Up*.
Primary Facility Id	Displays the user's primary facility ID.

Button	Description
All	Clicking ALL under the To or CC column checks all users to receive the message or a copy of the message.
UnSelect All	Clicking UNSELECT ALL removes all checks from the To and CC columns.
Insert Selected Contacts	Clicking INSERT SELECTED CONTACTS inserts users selected in the To and CC columns into the To and CC fields in the message in the *CEMDPS Correspondence* page. The *Select Users Pop-Up* closes automatically when you insert selected users.

Messages Page

The *Messages* page displays a list of messages sent to you from other users. The subject of each message is a link, which allows you to view the message. Information displayed and options available on this page appear in the table below.

Note: The CEMDPS correspondence system is unavailable in the CEMDPS disconnected client application.



Column	Description
Date	Displays the date and time the message was received.
Subject	Displays the message subject as a link below the date. Clicking on the subject link opens the message.
From	Displays the user ID of the person who sent the message.
To	Displays the user ID of the person who received the message.
Facility Name	Displays the name of the sender's facility.
Work Item	Displays the work item to which the message pertains. The work item appears beneath the facility name.
(paperclip)	Indicates that the message includes an attached file(s).

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